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Metropolitan Housing Characteristics

ALTOONA, PA.

STANDARD METROPOLITAN STATISTICAL AREA

1980 Census of Housing

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1980

Census of Housing

VOLUME 2

Metropolitan Housing Characteristics

ALTOONA, PA.

HC80-2-65

Issued October 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS
C. L. Kincannon, Acting Director

HOUSING DIVISION
Arthur F. Young, Chief

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List of HC80-2, Metropolitan Housing Characteristics, Reports

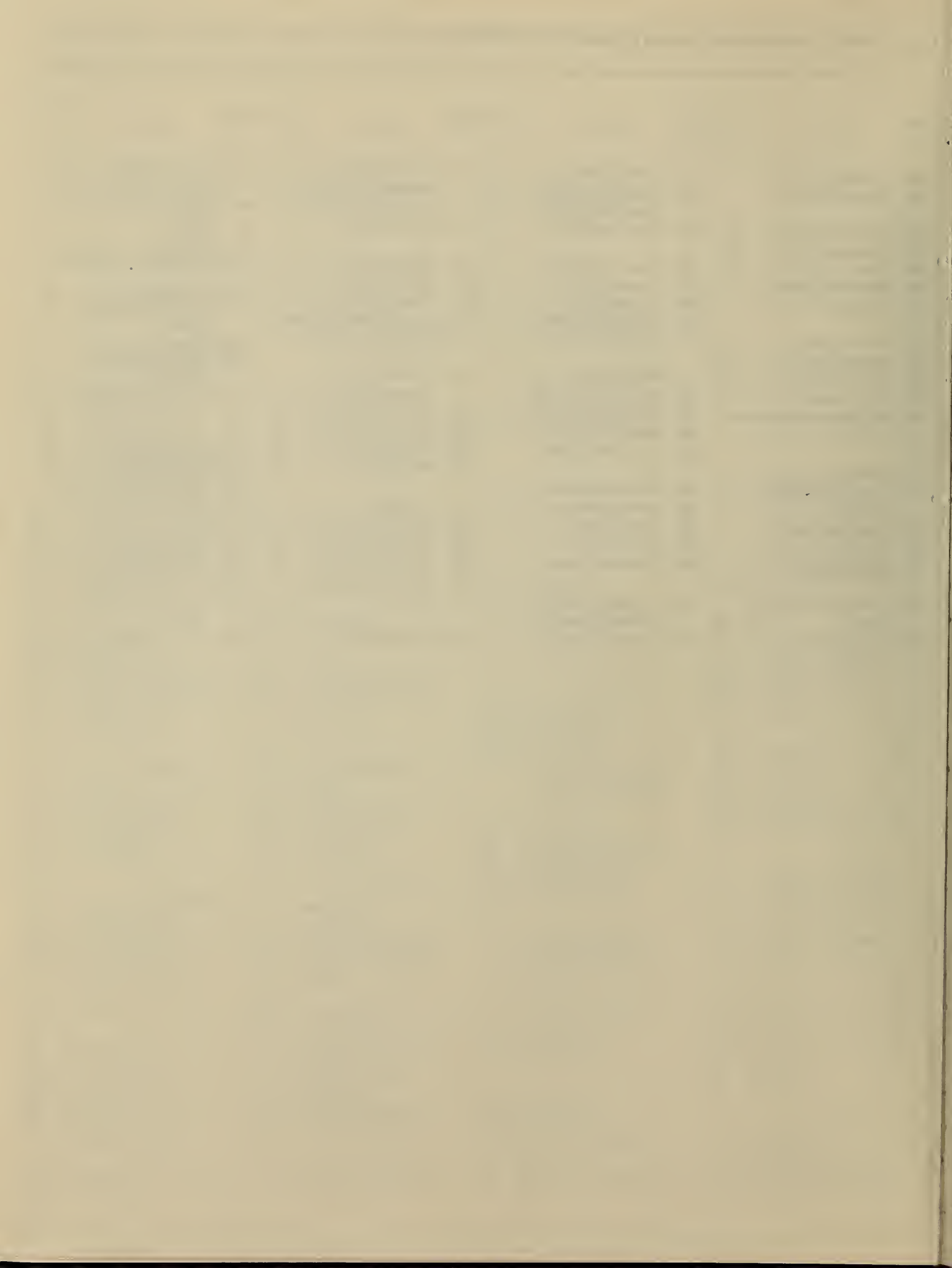
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177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	257	New Haven-West Haven, Conn.	294	Provo-Orem, Utah
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	258	New London-Norwich, Conn.-R.I.	295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio	220	Lima, Ohio			296	Racine, Wis.
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183	Honolulu, Hawaii			262	Newark, Ohio		
184	Houston, Tex.	224	Longview-Marshall, Tex.	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick- Pasco, Wash.
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306	Rochester, N.Y.	325	Santa Cruz, Calif.	345	Stockton, Calif.	364	Waco, Tex.
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308	Rock Hill, S.C.	326	Santa Rosa, Calif.	346	Syracuse, N.Y.		
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Introduction

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GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “. . .” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

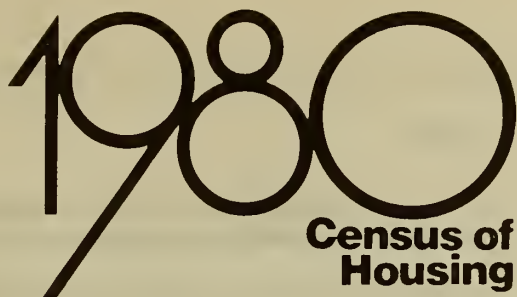
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



Metropolitan Housing Characteristics

ALTOONA, PA.

STANDARD METROPOLITAN STATISTICAL AREA
HC80-2-65

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Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

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Index of Tables —shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear	IX
List of Tables —shows the table numbers and titles for each of the 68 tables	X
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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

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		Total	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish Origin
		Pages	Pages	Pages	Pages	Pages	Pages
SMSA total	A	1 to 12	—	—	—	—	—
Altoona	B	13 to 24	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked	—	—	—	—	—	—
Gross rent as percentage of household income	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.						
White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

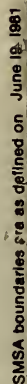
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit.	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit.	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built.	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning.	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel.	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked.	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income.	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked.	—	—	—	—	—	12	—
Gross rent as percentage of household income	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

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CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units -----	29 291	2 165	6 268	7 028	4 939	3 724	2 318	2 199	366	224	60	28 400	33 100
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families -----	21 523	1 138	4 056	5 204	3 770	2 910	1 982	1 886	341	195	41	30 900	35 200
15 to 24 years -----	548	33	125	173	111	50	30	19	7	—	—	25 000	29 200
25 to 34 years -----	4 141	88	710	959	750	619	450	468	59	38	—	33 800	37 400
35 to 44 years -----	4 096	150	598	832	791	633	508	430	98	39	17	35 800	39 200
45 to 64 years -----	8 955	462	1 686	2 196	1 549	1 238	787	797	136	91	13	30 800	35 200
65 years and over -----	3 783	405	937	1 044	569	370	207	172	41	27	11	24 500	29 300
Male householder, no wife present -----	1 905	323	468	346	266	261	132	76	10	10	13	23 300	29 500
15 to 24 years -----	95	5	26	17	23	12	9	—	—	—	—	29 900	35 400
25 to 34 years -----	259	13	55	37	37	78	20	19	—	—	—	36 700	33 800
35 to 44 years -----	254	30	46	51	40	34	22	23	6	2	—	30 000	34 100
45 to 64 years -----	507	97	129	94	77	69	22	14	—	—	5	21 600	27 500
65 years and over -----	790	178	212	147	89	68	59	20	4	8	5	20 300	27 200
Female householder, no husband present -----	5 863	704	1 744	1 478	903	553	204	237	15	19	6	22 500	26 500
15 to 24 years -----	33	—	20	13	—	—	—	—	—	—	—	16 000	19 100
25 to 34 years -----	321	—	117	93	56	40	4	11	—	—	—	24 600	27 200
35 to 44 years -----	379	39	90	91	60	44	12	31	6	6	—	25 600	31 300
45 to 64 years -----	2 082	239	591	486	392	211	81	74	—	8	—	23 900	27 000
65 years and over -----	3 048	426	926	795	395	258	107	121	9	5	6	21 600	25 600
Median age -----	53.2	63.4	57.3	54.3	52.1	49.7	47.1	47.3	47.5	49.5	48.8	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980 -----	1 876	69	223	364	358	314	224	271	32	8	13	37 900	40 700
1975 to 1978 -----	5 104	164	829	985	899	821	558	650	106	80	12	36 400	39 600
1970 to 1974 -----	4 425	172	852	1 113	793	564	377	407	84	60	3	30 900	35 900
1960 to 1969 -----	6 394	385	1 248	1 583	1 034	866	597	550	80	40	11	29 800	34 300
1959 or earlier -----	11 492	1 375	3 116	2 983	1 855	1 159	562	321	64	36	21	23 300	27 200
ROOMS													
1 to 3 rooms -----	343	121	108	39	20	33	13	9	—	—	—	14 000	20 300
4 rooms -----	2 117	264	600	531	393	197	92	38	—	2	—	22 600	25 500
5 rooms -----	5 522	537	1 111	1 402	1 101	798	370	169	20	5	9	27 400	29 800
6 rooms -----	10 940	773	2 687	2 803	1 865	1 417	703	623	59	10	—	26 300	30 200
7 rooms -----	5 636	261	1 025	1 412	928	743	557	628	40	39	3	31 200	35 300
8 or more rooms -----	4 733	209	737	841	632	536	583	732	247	168	48	39 100	45 300
Median -----	6.1	5.7	6.0	6.1	6.0	6.1	6.5	6.9	8.1	8.5+	8.5+	...	...
BEDROOMS													
Non- -----	35	7	15	—	7	6	—	—	—	—	—	13 500	20 600
1 -----	661	137	253	167	28	35	27	5	—	—	9	17 700	22 400
2 -----	6 356	693	1 571	1 675	1 177	714	271	215	17	20	3	24 800	27 800
3 -----	16 873	1 037	3 473	3 911	2 852	2 326	1 577	1 413	183	94	7	30 100	33 800
4 -----	4 649	258	852	1 172	776	542	358	474	107	79	31	30 500	37 100
5 or more -----	717	33	104	103	99	101	85	92	59	31	10	42 000	48 700
YEAR STRUCTURE BUILT													
1975 to March 1980 -----	2 183	8	47	169	276	493	481	548	79	57	25	51 700	54 300
1970 to 1974 -----	1 564	40	82	139	299	292	285	331	43	50	3	47 500	49 300
1960 to 1969 -----	3 118	62	156	455	472	721	508	568	126	45	5	45 700	47 100
1950 to 1959 -----	3 602	89	326	675	818	772	498	334	43	31	16	38 500	40 600
1940 to 1949 -----	2 321	122	497	601	591	272	132	95	6	—	5	29 000	31 000
1939 or earlier -----	16 503	1 844	5 160	4 989	2 483	1 174	414	323	69	41	6	21 900	24 700
HOUSEHOLD INCOME IN 1979													
Less than \$5,000 -----	2 533	488	776	627	337	150	104	39	6	6	—	20 000	23 300
\$5,000 to \$9,999 -----	4 450	580	1 326	1 197	742	363	128	99	4	11	—	22 200	24 800
\$10,000 to \$14,999 -----	2 590	239	703	700	456	239	153	96	2	2	—	24 200	27 300
\$15,000 to \$19,999 -----	2 332	185	579	614	379	356	142	57	10	8	2	25 400	28 900
\$20,000 to \$24,999 -----	5 117	285	1 200	1 293	981	676	340	294	38	4	6	28 200	31 400
\$25,000 to \$29,999 -----	4 822	216	821	1 269	952	596	470	418	46	31	3	31 000	34 600
\$30,000 to \$34,999 -----	5 056	117	672	999	814	973	673	664	91	44	9	39 100	40 600
\$35,000 to \$49,999 -----	1 668	55	163	267	224	282	230	345	71	31	—	44 000	45 500
\$50,000 or more -----	723	—	28	62	54	89	78	187	98	87	40	64 500	73 100
Median -----	\$17 716	\$10 152	\$13 921	\$16 403	\$17 682	\$20 560	\$23 114	\$26 237	\$32 946	\$41 558	\$55 468	...	...
Mean -----	\$19 347	\$12 114	\$15 112	\$17 546	\$18 372	\$21 697	\$24 318	\$29 320	\$41 649	\$48 456	\$65 761	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage -----	12 890	486	2 045	2 796	2 366	1 915	1 422	1 431	251	145	33	34 800	38 300
Less than 15 percent -----	4 087	142	681	965	755	585	413	411	94	33	8	33 200	37 200
15 to 19 percent -----	3 315	110	604	748	602	442	379	325	62	31	12	33 700	37 600
20 to 24 percent -----	2 066	73	228	444	408	362	252	234	28	37	—	37 100	39 800
25 to 29 percent -----	1 159	36	161	214	171	181	159	189	27	8	13	39 900	42 400
30 to 34 percent -----	655	35	95	120	138	109	50	91	15	2	—	35 500	37 700
35 percent or more -----	1 564	90	259	299	291	234	151	181	25	34	—	34 600	37 800
Not computed -----	44	—	17	6	1	2	18	—	—	—	—	27 100	35 400
Median -----	18.5	19.6	17.8	17.9	18.6	19.2	18.8	19.7	17.5	21.1	18.5	...	...
Not mortgaged -----	16 401	1 679	4 223	4 232	2 573	1 809	896	768	115	79	27	24 600	29 000
Less than 10 percent -----	6 690	445	1 578	1 783	993	891	402	453	68	58	19	26 900	32 200
10 to 14 percent -----	3 533	349	830	910	623	389	247	149	28	8	—	24 900	29 000
15 to 19 percent -----	2 016	240	579	513	310	195	92	72	13	2	—	23 400	26 600
20 to 24 percent -----	1 132	127	371	295	201	61	32	26	6	7	—	21 500	25 800
25 to 29 percent -----	958	128	274	239	165	119	28	5	—	—	—	23 200	24 900
30 to 34 percent -----	429	80	107	86	64	42	19	31	—	—	—	22 500	26 600
35 percent or more -----	1 484	286	426	377	188	101	68	32	—	6	—	20 600	24 100
Not computed -----	159	24	58	29	29	11	8	—	—	—	—	19 500	23 200
Median -----	12.0	15.7	13.0	11.7	12.2	10.1	10.9	10—	10—	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use -----	29 098	2 061	6 198	7 011	4 939	3 724	2 318	2 197	366	224	60	28 500	33 200
1.01 or more persons per room -----	493	49	139	75	120	58	39	13	—	—	—	27 600	28 500
Lacking complete plumbing for exclusive use -----	193	104	70	17	—	—	—	2	—	—	—	10000—	11 700
1.01 or more persons per room -----	10	4	6	—	—	—	—	—	—	—	—	10 800	10 500
Heating equipment -----	29 284	2 165	6 268	7 021	4 939	3 724	2 318	2 199	366	224	60	28 400	33 100
Central heating system -----	27 962	1 968	5 902	6 758	4 759	3 585	2 230	2 122	360	218	60	28 600	33 300
Air conditioning -----	6 405	238	842	1 305	1 168	1 027	695	789	168	137	36	37 000	41 200
Central system -----	1 153	9	32	78	117	203	223	306	78	86	21	54 400	60 900
Income in 1979 below poverty level -----	1 925	392	579	474	218	113	97	35	11	6	—	19 800	23 700
Percent below poverty level -----	6.6	18.1	9.2	6.7	4.4	3.0	4.2	1.6	3.0	2.7	—	...	...

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	12 546	1 150	1 883	3 132	2 395	1 476	950	375	244	78	863	195
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families.....	4 747	89	364	1 149	1 064	737	520	241	150	35	398	225
15 to 24 years.....	887	20	81	270	259	180	59	—	10	—	8	212
25 to 34 years.....	1 709	21	86	333	445	264	272	129	36	16	107	240
35 to 44 years.....	647	7	46	104	135	104	59	44	66	10	72	248
45 to 64 years.....	887	25	67	220	147	138	104	35	24	5	122	225
65 years and over.....	617	16	84	222	78	51	26	33	14	4	89	185
Male householder, no wife present.....	2 311	284	430	508	411	337	122	34	30	24	131	186
15 to 24 years.....	450	24	63	165	83	62	14	—	17	7	15	193
25 to 34 years.....	592	11	32	164	171	122	50	20	13	—	9	217
35 to 44 years.....	297	43	46	43	55	46	22	—	—	11	31	201
45 to 64 years.....	534	90	160	64	68	73	24	12	—	6	37	150
65 years and over.....	438	116	129	72	34	34	12	2	—	—	39	135
Female householder, no husband present.....	5 488	777	1 089	1 475	920	402	308	177	64	19	334	176
15 to 24 years.....	610	34	83	265	111	68	39	5	—	—	5	192
25 to 34 years.....	1 097	54	139	288	299	144	104	31	16	6	16	208
35 to 44 years.....	567	40	32	149	145	77	47	24	17	13	23	215
45 to 64 years.....	1 159	111	304	320	158	45	52	27	22	—	120	163
65 years and over.....	2 055	538	531	453	207	68	66	13	9	—	170	139
Median age.....	41.0	68.4	59.8	37.5	32.4	31.8	33.1	35.3	39.5	37.1	54.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980.....	4 675	255	418	1 132	1 050	800	550	223	135	44	68	222
1975 to 1978.....	4 040	401	639	1 076	773	409	285	101	90	34	232	188
1970 to 1974.....	1 955	324	346	502	330	198	77	29	19	—	130	176
1960 to 1969.....	1 017	82	329	267	100	55	16	16	—	—	152	153
1959 or earlier.....	859	88	151	155	142	14	22	6	—	—	281	164
ROOMS												
1 room.....	407	284	63	6	5	3	18	—	—	20	8	91
2 rooms.....	438	144	150	68	32	13	5	—	—	—	26	118
3 rooms.....	2 284	326	568	748	361	160	47	6	6	—	62	165
4 rooms.....	3 644	219	553	1 146	788	444	254	60	37	6	137	193
5 rooms.....	2 628	119	348	659	574	364	266	114	51	17	116	209
6 rooms.....	1 992	37	147	398	402	320	243	113	101	26	205	240
7 or more rooms.....	1 153	21	54	107	233	172	117	82	49	9	309	252
Median.....	4.4	3.0	3.8	4.1	4.5	4.8	5.1	5.6	5.8	5.3	5.9	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979.....	12 546	1 150	1 883	3 132	2 395	1 476	950	375	244	78	863	195
Complete plumbing for exclusive use.....	12 059	965	1 761	3 056	2 350	1 469	947	375	244	78	814	197
0.50 or less.....	7 840	649	1 305	2 050	1 445	921	505	207	113	23	622	190
0.51 to 1.00.....	3 930	311	417	930	856	509	410	159	117	50	171	210
1.01 to 1.50.....	254	—	39	61	47	34	32	9	14	5	13	220
1.51 or more.....	35	5	—	15	2	5	—	—	—	—	8	176
Lacking complete plumbing for exclusive use.....	487	185	122	76	45	7	3	—	—	—	49	118
0.50 or less.....	226	67	74	52	9	—	—	—	—	—	24	123
0.51 to 1.00.....	253	118	42	24	34	7	3	—	—	—	25	99
1.01 to 1.50.....	6	—	6	—	—	—	—	—	—	—	—	135
1.51 or more.....	2	—	—	—	2	—	—	—	—	—	—	238
Income in 1979 below poverty level.....	2 847	513	651	631	467	240	134	52	30	11	118	165
Complete plumbing for exclusive use.....	2 669	451	595	612	452	233	134	52	30	11	99	169
1.01 or more persons per room.....	121	—	21	39	29	2	14	—	9	—	7	193
Lacking complete plumbing for exclusive use.....	178	62	56	19	15	7	—	—	—	—	19	108
1.01 or more persons per room.....	3	—	3	—	—	—	—	—	—	—	—	118
BEDROOMS												
None.....	494	314	97	17	12	3	18	—	—	20	13	92
1.....	3 695	511	874	1 241	600	255	82	6	—	5	121	165
2.....	5 076	246	655	1 421	1 112	676	442	174	110	22	218	204
3.....	2 562	71	204	371	543	420	343	135	120	27	328	244
4.....	582	8	48	76	105	103	64	45	8	—	125	246
5 or more.....	137	—	5	6	23	19	1	15	6	4	58	260
UNITS IN STRUCTURE												
1, detached or attached.....	4 369	169	345	753	850	677	487	229	150	28	681	233
2.....	2 739	164	574	934	614	236	107	21	14	4	71	183
3 and 4.....	1 777	153	389	642	317	134	62	34	16	—	30	175
5 to 9.....	1 273	149	241	381	243	100	113	20	18	5	3	183
10 to 49.....	995	139	100	196	177	171	119	33	28	23	9	213
50 or more.....	943	369	201	101	77	84	46	22	10	18	15	120
Mobile home or trailer, etc.....	450	7	33	125	117	74	16	16	8	—	54	211
YEAR STRUCTURE BUILT												
1975 to March 1980.....	1 128	149	137	86	159	195	238	83	46	21	14	256
1970 to 1974.....	1 587	388	166	216	303	171	167	59	63	12	42	200
1960 to 1969.....	994	72	86	215	196	187	61	46	25	18	88	217
1950 to 1959.....	786	39	76	240	158	124	59	26	2	—	62	202
1940 to 1949.....	1 388	58	143	505	233	188	91	55	32	—	83	196
1939 or earlier.....	6 663	444	1 275	1 870	1 346	611	334	106	76	27	574	185
STORIES IN STRUCTURE												
1 to 3.....	11 677	799	1 676	3 004	2 293	1 451	930	369	234	73	848	199
4 or more.....	869	351	207	128	102	25	20	6	10	5	15	110
With elevator.....	769	345	187	83	81	17	20	6	10	5	15	104
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent.....	1 868	243	324	680	381	168	49	6	7	10	...	177
15 to 19 percent.....	1 967	148	240	558	467	318	160	47	29	—	...	203
20 to 24 percent.....	1 733	232	307	430	289	204	167	73	20	11	...	188
25 to 29 percent.....	1 386	204	203	274	322	163	136	47	23	14	...	202
30 to 34 percent.....	903	136	136	164	191	99	82	43	46	6	...	205
35 to 49 percent.....	1 737	123	313	485	310	210	150	86	53	7	...	195
50 percent or more.....	1 963	56	331	508	401	305	206	65	66	25	...	210
Not computed.....	989	8	29	33	34	9	—	8	—	5	...	184
Median.....	25.8	23.9	26.4	23.6	25.7	26.3	28.6	31.2	34.7	31.3	...	...
SELECTED CHARACTERISTICS												
Heating equipment.....	12 546	1 150	1 883	3 132	2 395	1 476	950	375	244	78	863	195
Central heating system.....	11 725	1 085	1 753	2 904	2 219	1 417	920	340	239	74	774	195
Air conditioning.....	2 869	290	272	449	441	459	412	157	111	58	220	231
Central system.....	962	149	110	71	106	129	185	77	53	40	42	261

Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	35 909	3 476	5 636	3 282	2 986	6 305	5 584	5 839	1 944	857	17 064	18 802	2 714
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	25 959	929	2 796	2 213	2 187	5 146	4 900	5 223	1 781	784	19 725	21 501	1 182
15 to 24 years	855	30	86	98	125	283	140	77	11	5	16 702	17 079	47
25 to 34 years	5 004	136	273	409	443	1 360	1 266	924	161	32	19 634	20 152	241
35 to 44 years	4 947	79	223	301	352	986	1 209	1 252	393	152	21 859	23 725	205
45 to 64 years	10 613	375	783	634	617	1 852	2 005	2 711	1 133	503	22 535	24 602	442
65 years and over	4 540	309	1 431	771	650	665	280	259	83	92	11 719	14 149	247
Male householder, no wife present	2 558	413	601	292	235	401	243	254	69	50	12 269	15 265	215
15 to 24 years	147	1	35	16	21	47	18	9	—	—	15 039	15 041	6
25 to 34 years	381	25	37	34	64	112	42	53	6	8	16 138	17 445	25
35 to 44 years	316	—	29	51	38	75	54	48	15	6	17 222	19 987	—
45 to 64 years	693	97	101	89	50	104	110	83	35	24	15 699	18 103	76
65 years and over	1 021	290	399	102	62	63	19	61	13	12	7 356	11 096	108
Female householder, no husband present	7 392	2 134	2 239	777	564	758	441	362	94	23	8 180	10 547	1 317
15 to 24 years	57	12	24	—	—	15	6	—	—	—	8 661	10 795	12
25 to 34 years	478	74	149	99	34	69	48	4	1	—	10 404	11 118	139
35 to 44 years	507	99	128	83	53	45	51	29	19	—	10 798	12 315	127
45 to 64 years	2 593	474	738	324	291	324	187	183	51	21	10 652	12 783	371
65 years and over	3 757	1 475	1 200	271	186	305	149	146	23	2	6 173	8 689	668
Median age	53.1	68.1	66.2	57.4	53.5	46.4	44.7	48.2	51.1	52.1	...	...	59.3
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 580	116	309	242	210	551	476	480	125	71	18 759	20 588	195
1975 to 1978	6 610	375	629	491	613	1 525	1 357	1 170	306	144	19 032	20 253	384
1970 to 1974	5 649	377	639	462	496	1 138	1 115	956	325	141	18 730	19 924	437
1960 to 1969	7 655	618	881	665	507	1 293	1 349	1 566	532	244	19 522	20 901	520
1959 or earlier	13 415	1 990	3 178	1 422	1 160	1 798	1 287	1 667	656	257	12 753	16 074	1 178
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	35 540	3 327	5 503	3 266	2 966	6 292	5 562	5 827	1 940	857	17 180	18 910	2 604
1.01 or more persons per room	664	20	40	95	46	143	135	136	45	4	19 508	20 461	83
Lacking complete plumbing for exclusive use	369	149	133	16	20	13	22	12	4	—	6 032	8 413	110
1.01 or more persons per room	15	—	6	—	—	3	—	6	—	—	16 875	18 986	6
Heating equipment	35 902	3 476	5 636	3 282	2 986	6 298	5 584	5 839	1 944	857	17 061	18 802	2 714
Central heating system	33 874	3 059	5 289	3 088	2 790	5 914	5 336	5 660	1 896	842	17 310	19 068	2 331
Air conditioning	7 705	474	886	622	1 418	1 418	1 141	1 585	575	382	19 419	22 254	366
Central system	1 363	74	130	64	54	196	157	313	174	201	25 183	30 680	71
Vehicles available	33 142	2 155	4 602	3 122	2 904	6 203	5 562	5 808	1 934	852	18 078	19 823	1 952
1	12 861	1 558	3 273	1 877	1 373	2 334	1 359	834	212	41	12 130	13 627	1 185
2 or more	20 281	597	1 329	1 245	1 531	3 869	4 203	4 974	1 722	811	21 704	23 753	767
House heating fuel	35 902	3 476	5 636	3 282	2 986	6 298	5 584	5 839	1 944	857	17 061	18 802	2 714
Utility gas	21 474	2 162	3 422	1 891	1 742	3 657	3 280	3 519	1 266	535	17 106	19 002	1 423
Bottled, tank, or LP gas	141	7	46	9	6	40	1	25	—	7	15 272	22 379	7
Electricity	2 389	119	216	190	151	438	491	517	171	96	20 818	22 342	132
Fuel oil, kerosene, etc.	9 850	983	1 621	997	881	1 785	1 490	1 461	429	203	16 239	17 792	967
Other	2 048	205	331	195	206	378	322	317	78	16	16 104	17 177	185
Median rooms	6.0	5.5	5.7	5.8	5.9	6.0	6.1	6.3	6.6	7.5	...	...	5.6
Specified owner-occupied housing units	29 291	2 533	4 450	2 590	2 332	5 117	4 822	5 056	1 668	723	17 716	19 347	1 925
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	12 890	402	951	903	939	2 717	2 943	2 788	877	370	20 816	22 447	561
Less than \$200	1 409	42	236	110	178	339	299	162	34	9	16 916	19 149	93
\$200 to \$249	2 400	97	213	246	215	581	519	433	94	2	18 750	18 933	125
\$250 to \$299	2 653	107	187	190	172	692	625	520	130	30	19 863	20 463	111
\$300 to \$349	2 086	51	160	141	108	427	550	456	147	46	21 197	22 430	70
\$350 to \$399	1 478	35	62	78	89	264	440	351	114	45	21 966	23 314	71
\$400 to \$499	1 708	44	68	74	112	307	343	535	135	90	23 133	25 398	55
\$500 to \$599	644	26	22	37	26	83	103	176	141	30	25 482	28 510	36
\$600 to \$749	358	—	3	21	31	20	43	116	67	57	28 600	34 937	—
\$750 or more	154	—	—	6	8	4	21	39	15	61	27 963	46 330	—
Median	\$300	\$279	\$257	\$275	\$272	\$282	\$303	\$331	\$365	\$451	...	...	\$278
Not mortgaged	16 401	2 131	3 499	1 687	1 393	2 400	1 879	2 268	791	353	14 086	16 911	1 364
Less than \$50	55	35	9	5	—	4	—	2	—	—	4 219	6 113	35
\$50 to \$74	467	142	133	47	45	45	23	25	7	—	8 327	10 427	83
\$75 to \$99	2 180	511	601	295	147	218	177	163	56	12	9 798	12 057	313
\$100 to \$124	4 513	666	1 172	503	386	637	523	480	139	7	12 080	14 214	435
\$125 to \$149	4 055	382	795	354	436	706	456	635	233	58	15 390	17 426	244
\$150 to \$199	3 782	276	586	395	290	625	575	672	240	123	17 909	19 717	165
\$200 to \$249	958	85	144	75	72	124	85	226	82	65	18 056	22 975	61
\$250 or more	391	34	59	13	17	41	40	65	34	88	23 365	37 030	28
Median	\$131	\$114	\$121	\$125	\$132	\$135	\$137	\$143	\$146	\$190	...	...	\$114
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	12 890	402	951	903	939	2 717	2 943	2 788	877	370	20 816	22 447	561
Less than 15 percent	4 087	—	9	6	95	420	1 049	1 527	659	322	27 135	31 760	—
15 to 19 percent	3 315	—	27	55	190	1 029	1 056	755	174	29	21 513	22 813	8
20 to 24 percent	2 066	—	74	197	247	603	560	340	39	6	19 302	19 563	13
25 to 29 percent	1 159	5	113	216	125	404	180	98	5	13	16 421	17 083	30
30 to 34 percent	655	—	124	183	103	146	57	42	—	—	12 998	14 438	31
35 percent or more	1 564	353	604	246	179	115	41	26	—	—	8 724	9 118	435
Not computed	44	44	—	—	—	—	—	—	—	—	2500—	—522	44
Median	18.5	50+	40.7	29.5	23.7	19.6	17.0	14.4	11.9	10—	...	...	50+
Not mortgaged	16 401	2 131	3 499	1 687	1 393	2 400	1 879	2 268	791	353	14 086	16 911	1 364
Less than 10 percent	6 690	2	47	196	368	1 276	1 540	2 126	784	351	24 693	27 434	9
10 to 14 percent	3 533	13	522	822	756	964	310	137	7	2	13 854	14 627	19
15 to 19 percent	2 016	77	1 076	478	230	123	27	5	—	—	9 468	9 864	56
20 to 24 percent	1 132	122	794	155	34	25	2	—	—	—	7 590	7 892	31
25 to 29 percent	958	271	652	30	—	5	—	—	—	—	5 940	6 021	113
30 to 34 percent	429	224	194	6	—	—	—	—	—	—	4 892	5 256	88
35 percent or more	1 484	1 267	214	—	—	3	—	—	—	—	3 584	3 566	893
Not computed	159	155	—	—	—	4	—	—	—	—	2500—	90	155
Median	12.0	39.5	20.7	13.9	12.2	10—	10—	10—	10—	10—	...	...	45.4

Table A—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	13 179	3 249	3 780	1 606	1 049	1 913	849	595	101	37	9 328	11 029	2 991
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	5 175	333	1 320	728	478	1 201	571	439	86	19	13 580	14 712	663
15 to 24 years	947	98	265	171	102	225	50	36	—	—	11 615	12 102	175
25 to 34 years	1 835	102	366	298	175	502	211	164	13	4	14 664	14 983	232
35 to 44 years	745	28	118	87	64	205	131	93	14	5	16 716	17 052	116
45 to 64 years	988	42	240	52	82	216	169	122	59	6	16 573	17 701	82
65 years and over	660	63	331	120	55	53	10	24	—	4	8 954	10 588	58
Male householder, no wife present	2 393	584	734	290	188	343	127	101	8	18	9 120	11 009	485
15 to 24 years	461	132	186	71	33	23	10	6	—	—	7 391	7 965	123
25 to 34 years	599	63	111	113	86	159	52	15	—	—	12 863	12 979	78
35 to 44 years	297	52	59	32	29	63	16	29	5	12	12 974	15 422	51
45 to 64 years	557	127	173	70	34	59	39	46	3	6	9 283	12 610	115
65 years and over	479	210	205	4	6	39	10	5	—	—	5 563	6 877	118
Female householder, no husband present	5 611	2 332	1 726	588	383	369	151	55	7	—	6 110	7 640	1 843
15 to 24 years	618	242	214	61	30	53	6	12	—	—	6 067	7 283	273
25 to 34 years	1 130	257	401	149	153	102	59	7	2	—	8 757	9 634	319
35 to 44 years	602	187	182	115	41	55	22	—	—	—	7 763	8 345	223
45 to 64 years	1 179	391	341	150	92	117	47	36	5	—	7 814	9 295	356
65 years and over	2 082	1 255	588	113	67	42	17	—	—	—	4 520	5 524	672
Median age	40.8	62.8	44.6	33.6	33.4	33.4	37.0	39.6	51.0	43.2	...	...	41.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	4 837	1 052	1 420	635	447	739	303	198	24	19	9 784	11 198	1 175
1975 to 1978	4 258	986	1 125	594	365	686	269	191	34	8	10 076	11 241	872
1970 to 1974	2 056	600	653	215	101	256	124	92	15	—	8 074	10 200	469
1960 to 1969	1 069	326	268	97	85	124	80	67	20	2	8 819	11 228	243
1959 or earlier	959	285	314	65	51	108	73	47	8	8	7 531	10 792	232
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	12 646	3 017	3 620	1 561	1 010	1 883	830	592	96	37	9 508	11 174	2 805
0.50 or less	8 162	2 300	2 386	961	671	1 019	422	330	51	22	8 566	10 307	1 604
0.51 to 1.00	4 181	677	1 138	560	323	809	372	266	45	11	11 230	12 724	1 069
1.01 to 1.50	263	35	84	35	16	55	31	3	—	4	10 893	12 511	115
1.51 or more	40	5	12	5	—	—	5	13	—	—	11 500	17 240	17
Lacking complete plumbing for exclusive use	533	232	160	45	39	30	19	3	5	—	5 725	7 584	186
0.50 or less	248	132	67	16	15	5	11	2	—	—	4 813	6 583	91
0.51 to 1.00	273	100	91	22	24	25	5	1	5	—	6 426	8 237	92
1.01 to 1.50	10	—	2	5	—	—	3	—	—	—	11 500	13 790	3
1.51 or more	2	—	—	2	—	—	—	—	—	—	11 250	11 440	—
SELECTED CHARACTERISTICS													
Heating equipment	13 176	3 246	3 780	1 606	1 049	1 913	849	595	101	37	9 330	11 031	2 988
Central heating system	12 254	2 943	3 482	1 527	999	1 812	800	563	97	31	9 501	11 115	2 708
Air conditioning	2 946	611	688	304	262	534	279	195	51	22	11 431	13 246	410
Central system	970	273	273	69	57	134	75	66	11	12	8 534	12 493	146
Vehicles available	9 609	1 278	2 593	1 429	967	1 820	810	578	101	33	11 633	12 985	1 359
1	6 460	1 137	2 067	1 131	702	887	345	143	40	8	10 057	10 834	1 113
2 or more	3 149	141	526	298	265	933	465	435	61	25	16 653	17 396	246
House heating fuel	13 176	3 246	3 780	1 606	1 049	1 913	849	595	101	37	9 330	11 031	2 988
Utility gas	8 917	2 268	2 501	1 083	769	1 302	525	376	64	29	9 273	10 896	2 045
Bottled, tank, or LP gas	182	43	53	18	30	21	17	—	—	—	9 632	10 019	34
Electricity	1 349	325	381	134	103	177	135	71	23	—	9 594	11 714	259
Fuel oil, kerosene, etc.	2 228	480	698	334	119	335	125	124	9	4	9 401	11 032	475
Other	500	130	147	37	28	78	47	24	5	4	9 663	11 954	175
Median rooms	4.4	3.9	4.3	4.6	4.5	4.9	5.3	5.4	5.2	5.8	...	...	4.2
Specified renter-occupied housing units	12 546	3 127	3 592	1 536	1 013	1 809	799	551	86	33	9 290	10 934	2 847
CONTRACT RENT													
Less than \$100	2 749	1 226	840	181	135	214	98	47	8	—	5 663	7 714	1 021
\$100 to \$149	3 338	956	1 020	405	238	431	133	133	13	9	8 142	9 849	854
\$150 to \$199	3 247	532	997	479	342	590	149	133	17	8	10 493	11 503	611
\$200 to \$249	1 265	168	337	235	126	179	164	46	10	—	11 356	12 488	167
\$250 to \$299	736	74	83	77	102	206	120	60	10	4	15 625	15 944	41
\$300 to \$349	216	21	35	21	5	42	39	38	13	2	17 031	18 630	19
\$350 to \$399	63	7	7	7	13	6	5	12	—	6	14 519	29 484	7
\$400 to \$499	44	—	14	—	—	5	9	12	—	4	23 333	23 876	4
\$500 or more	25	5	—	7	—	7	6	—	—	—	17 679	12 293	5
No cash rent	863	138	259	124	52	129	76	70	15	—	10 696	12 714	118
Median	\$146	\$110	\$140	\$158	\$159	\$158	\$186	\$167	\$165	\$189	...	...	\$119
GROSS RENT													
Less than \$100	1 150	770	248	55	23	49	—	5	—	—	4 236	5 296	513
\$100 to \$149	1 883	780	704	150	74	103	51	16	5	—	5 870	7 077	651
\$150 to \$199	3 132	696	1 022	428	316	426	136	102	6	—	9 148	10 221	631
\$200 to \$249	2 395	402	660	378	229	439	130	133	20	4	10 896	11 990	467
\$250 to \$299	1 476	176	393	172	129	332	158	84	24	8	12 456	13 625	240
\$300 to \$349	950	110	191	131	104	204	130	66	3	11	13 534	14 587	134
\$350 to \$399	375	27	68	58	49	65	75	27	6	—	14 260	15 389	52
\$400 to \$499	244	17	47	21	37	55	23	37	7	—	15 000	16 339	30
\$500 or more	78	11	—	19	—	7	20	11	—	10	20 455	29 944	11
No cash rent	863	138	259	124	52	129	76	70	15	—	10 696	12 714	118
Median	\$195	\$147	\$184	\$208	\$211	\$226	\$266	\$243	\$264	\$320	...	...	\$165
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 868	7	109	125	171	608	369	375	71	33	19 302	21 230	15
15 to 19 percent	1 967	50	271	319	364	634	242	87	—	—	14 859	14 989	73
20 to 24 percent	1 733	186	594	371	191	291	81	19	—	—	10 583	11 082	106
25 to 29 percent	1 386	238	572	319	135	97	25	—	—	—	9 080	9 153	172
30 to 34 percent	903	209	460	125	65	38	6	—	—	—	7 656	8 008	206
35 to 49 percent	1 737	591	967	132	35	12	—	—	—	—	6 050	6 288	531
50 percent or more	1 963	1 582	360	21	—	—	—	—	—	—	3 552	3 588	1 500
Not computed	989	264	259	124	52	129	76	70	15	—	9 380	11 070	244
Median	25.8	50+	31.3	23.5	19.3	16.8	14.9	11.1	10—	10—	...	...	50+

Table A—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	12 890	1 409	2 400	2 653	2 086	1 478	1 708	644	358	154	300
PERSONS IN UNIT											
1 person	772	143	159	183	141	57	76	7	—	6	273
2 persons	2 679	363	509	622	377	248	334	132	57	37	288
3 persons	2 867	284	593	499	512	399	320	126	100	34	306
4 persons	3 546	318	581	703	592	467	542	189	113	41	314
5 persons	1 895	183	338	413	291	185	271	139	58	17	302
6 persons	667	59	121	162	85	81	94	29	17	19	297
7 persons	341	39	87	56	62	27	42	22	6	—	290
8 or more persons	123	20	12	15	26	14	29	—	7	—	328
Median	3.54	3.20	3.40	3.53	3.52	3.57	3.73	3.80	3.69	3.50	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	11 107	1 064	2 008	2 302	1 759	1 356	1 534	598	344	142	305
15 to 24 years	517	45	101	157	64	56	58	30	6	—	286
25 to 34 years	3 754	270	581	715	669	576	568	221	123	31	323
35 to 44 years	3 173	269	579	650	462	441	450	200	76	46	310
45 to 64 years	3 420	437	698	720	531	250	444	147	136	57	290
65 years and over	243	43	60	33	33	14	—	—	3	8	275
Male householder, no wife present	675	101	109	101	156	60	105	23	14	6	308
15 to 24 years	80	9	18	6	3	32	12	—	—	—	356
25 to 34 years	234	29	28	39	74	22	36	—	6	—	314
35 to 44 years	168	25	30	26	43	6	24	8	—	6	303
45 to 64 years	109	12	26	24	16	—	13	10	8	—	284
65 years and over	84	26	7	20	—	—	5	—	—	—	307
Female householder, no husband present	1 108	244	283	250	171	62	69	23	—	6	255
15 to 24 years	16	—	10	6	—	—	—	—	—	—	240
25 to 34 years	228	41	56	61	26	8	28	8	—	—	264
35 to 44 years	227	22	58	44	34	29	32	8	—	—	288
45 to 64 years	459	93	115	119	91	19	9	7	—	6	259
65 years and over	178	88	44	20	20	6	—	—	—	—	201
Median age	39.3	44.8	40.5	39.3	39.3	35.9	37.8	37.7	40.6	43.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	1 628	37	131	222	215	351	312	215	110	35	380
1975 to 1978	4 186	273	600	831	751	543	741	229	142	76	326
1970 to 1974	2 973	388	607	660	528	306	304	99	51	30	287
1960 to 1969	2 855	420	768	682	420	179	265	64	52	5	268
1959 or earlier	1 248	291	294	258	172	99	86	37	3	8	258
ROOMS											
1 to 3 rooms	89	39	24	13	13	—	—	—	—	—	211
4 rooms	585	91	165	133	101	45	29	13	7	8	264
5 rooms	2 027	263	380	484	310	263	244	57	19	19	288
6 rooms	4 626	624	999	1 000	777	509	472	171	62	12	284
7 rooms	2 823	253	471	567	528	309	405	207	74	9	311
8 or more rooms	2 740	139	361	456	357	352	558	196	215	106	358
Median	6.3	6.0	6.1	6.2	6.3	6.3	6.8	6.9	7.9	8.1	...
YEAR STRUCTURE BUILT											
1975 to March 1980	1 840	29	79	140	323	339	504	199	145	82	402
1970 to 1974	1 134	55	94	232	199	200	188	110	30	26	347
1960 to 1969	1 705	88	243	400	314	162	275	103	96	24	319
1950 to 1959	1 271	139	201	235	197	176	233	74	8	8	315
1940 to 1949	1 019	118	246	266	127	134	96	23	9	—	277
1939 or earlier	5 921	980	1 537	1 380	926	467	412	135	70	14	266
VALUE											
Less than \$10,000	486	166	185	84	38	—	13	—	—	—	221
\$10,000 to \$19,999	2 045	441	610	549	285	107	41	12	—	—	248
\$20,000 to \$29,999	2 796	516	713	741	411	214	138	54	9	—	261
\$30,000 to \$39,999	2 366	178	497	535	432	406	263	44	9	2	297
\$40,000 to \$49,999	1 915	50	262	370	376	323	390	108	28	8	337
\$50,000 to \$59,999	1 422	39	95	225	282	255	307	135	69	15	364
\$60,000 to \$79,999	1 431	19	32	149	241	142	442	238	134	34	428
\$80,000 to \$99,999	251	—	6	—	18	24	98	35	52	18	475
\$100,000 to \$149,999	145	—	—	—	—	7	16	18	52	52	691
\$150,000 or more	33	—	—	—	3	—	—	—	5	25	750+
Median	\$34 800	\$21 700	\$24 800	\$28 900	\$37 300	\$40 400	\$50 200	\$58 100	\$68 200	\$100 000	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	4 087	902	1 160	931	500	264	195	65	37	33	249
15 to 19 percent	3 315	216	570	858	724	384	373	116	65	9	301
20 to 24 percent	2 066	123	262	347	308	409	423	141	37	16	349
25 to 29 percent	1 159	86	130	151	181	137	290	94	67	23	361
30 to 34 percent	655	20	100	74	134	94	102	66	55	10	350
35 percent or more	1 564	62	172	280	239	178	317	156	97	63	358
Not computed	44	—	—	12	—	12	8	—	—	—	367
Median	18.5	13.1	15.3	17.3	18.8	21.0	23.3	24.9	28.0	29.1	...
SELECTED CHARACTERISTICS											
Heating equipment	12 883	1 409	2 400	2 646	2 086	1 478	1 708	644	358	154	300
Steam or hot water system	3 799	282	643	816	611	420	606	192	155	74	313
Central warm-air furnace or electric heat pump	7 211	985	1 563	1 532	1 219	785	679	273	130	45	285
Other built-in electric units	1 181	12	49	151	176	200	345	161	57	30	401
Floor, wall, or pipeless furnace	78	29	15	8	8	2	16	—	—	—	233
Other means	614	101	130	139	72	71	62	18	16	5	277
Air conditioning	3 051	185	538	587	560	280	482	210	123	86	319
Central system	551	12	28	65	95	44	143	48	62	54	416
1 or more individual room units	2 500	173	510	522	465	236	339	162	61	32	305
House heating fuel	12 883	1 409	2 400	2 646	2 086	1 478	1 708	644	358	154	300
Utility gas	7 970	1 081	1 752	1 726	1 281	774	784	292	201	79	283
Bottled, tank, or LP gas	43	10	13	—	4	9	—	7	—	—	244
Electricity	1 325	12	55	177	209	209	370	185	69	39	400
Fuel oil, kerosene, etc.	2 959	185	460	626	504	424	515	142	72	31	321
Other	586	121	120	117	88	62	39	18	16	5	272

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units	16 401	55	467	2 180	4 513	4 055	3 782	958	391	131
PERSONS IN UNIT										
1 person	3 783	34	207	739	1 227	766	607	163	40	119
2 persons	6 957	19	180	957	1 976	1 752	1 604	301	168	130
3 persons	2 654	—	38	274	676	762	647	208	49	136
4 persons	1 680	2	25	140	369	470	480	144	50	141
5 persons	830	—	15	48	173	197	264	95	38	148
6 persons	316	—	2	22	58	73	100	19	42	151
7 persons	123	—	—	—	19	35	51	18	—	157
8 or more persons	58	—	—	—	15	—	29	10	4	174
Median	2.13	1.31	1.65	1.87	2.02	2.22	2.30	2.57	2.43	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families	10 416	21	221	1 118	2 590	2 790	2 717	661	298	136
15 to 24 years	31	—	—	—	18	5	—	2	6	122
25 to 34 years	387	2	22	56	96	83	80	48	—	130
35 to 44 years	923	—	18	83	220	222	270	68	42	141
45 to 64 years	5 535	4	90	442	1 351	1 517	1 571	385	175	140
65 years and over	3 540	15	91	537	905	963	796	158	75	131
Male householder, no wife present	1 230	19	87	252	309	230	228	74	31	121
15 to 24 years	15	—	—	—	—	6	9	—	—	158
25 to 34 years	25	—	—	—	7	2	16	—	—	161
35 to 44 years	86	—	2	10	30	18	20	6	—	126
45 to 64 years	398	6	31	88	61	89	86	19	18	129
65 years and over	706	13	54	154	211	115	97	49	13	116
Female householder, no husband present	4 755	15	159	810	1 614	1 035	837	223	62	122
15 to 24 years	17	—	—	—	—	11	—	—	6	144
25 to 34 years	93	—	10	7	16	27	33	—	—	138
35 to 44 years	152	—	4	23	39	42	26	13	5	131
45 to 64 years	1 623	9	19	243	553	371	312	92	24	124
65 years and over	2 870	6	126	537	1 006	584	466	118	27	119
Median age	62.6	66.3	67.9	66.7	63.9	61.8	59.7	58.2	57.0	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980	248	—	13	27	62	66	52	15	13	133
1975 to 1978	918	2	24	114	195	292	208	60	23	136
1970 to 1974	1 452	12	53	150	339	334	374	133	57	138
1960 to 1969	3 539	5	61	300	874	873	1 019	290	117	140
1959 or earlier	10 244	36	316	1 589	3 043	2 490	2 129	460	181	126
ROOMS										
1 to 3 rooms	254	21	30	58	45	29	30	28	13	110
4 rooms	1 532	15	81	285	524	333	259	35	—	118
5 rooms	3 495	17	169	497	1 000	772	868	134	38	127
6 rooms	6 314	2	120	906	1 923	1 644	1 357	260	102	128
7 rooms	2 813	—	51	307	628	828	716	202	81	138
8 or more rooms	1 993	—	16	127	393	449	552	299	157	151
Median	6.0	3.9	5.2	5.8	5.9	6.0	6.0	6.6	7.0	...
YEAR STRUCTURE BUILT										
1975 to March 1980	343	2	15	41	54	85	93	33	20	142
1970 to 1974	430	—	11	41	71	109	155	19	24	146
1960 to 1969	1 413	11	31	69	219	324	492	190	77	155
1950 to 1959	2 331	—	73	162	496	671	680	176	73	141
1940 to 1949	1 302	16	18	149	372	313	348	52	34	133
1939 or earlier	10 582	26	319	1 718	3 301	2 553	2 014	488	163	124
VALUE										
Less than \$10,000	1 679	53	107	430	508	271	240	48	22	112
\$10,000 to \$19,999	4 223	2	191	868	1 297	912	717	174	62	120
\$20,000 to \$29,999	4 232	—	81	589	1 444	1 120	856	99	43	125
\$30,000 to \$39,999	2 573	—	44	194	685	855	635	126	34	136
\$40,000 to \$49,999	1 809	—	37	61	397	518	582	182	32	145
\$50,000 to \$59,999	896	—	—	38	127	225	362	113	31	158
\$60,000 to \$79,999	768	—	7	—	48	136	362	141	74	177
\$80,000 to \$99,999	115	—	—	—	7	18	10	47	33	224
\$100,000 to \$149,999	79	—	—	—	—	—	16	19	44	250+
\$150,000 or more	27	—	—	—	—	—	2	9	16	250+
Median	\$24 600	\$10 000	\$15 500	\$17 500	\$22 400	\$26 700	\$31 000	\$42 200	\$50 600	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent	6 690	18	230	917	1 938	1 759	1 419	290	119	128
10 to 14 percent	3 533	—	105	408	889	954	908	195	74	135
15 to 19 percent	2 016	24	48	296	580	382	499	139	48	129
20 to 24 percent	1 132	—	34	144	294	231	316	82	31	135
25 to 29 percent	958	9	19	118	271	295	169	59	18	130
30 to 34 percent	429	—	4	75	114	83	111	37	5	131
35 percent or more	1 484	—	27	185	379	328	326	145	94	137
Not computed	159	4	—	37	48	23	34	11	2	120
Median	12.0	16.6	10.2	11.9	11.7	11.3	12.5	14.7	15.2	...
SELECTED CHARACTERISTICS										
Heating equipment	16 401	55	467	2 180	4 513	4 055	3 782	958	391	131
Steam or hot water system	4 534	—	67	419	1 079	1 186	1 240	372	171	140
Central warm-air furnace or electric heat pump	10 396	26	286	1 551	3 121	2 551	2 194	488	179	127
Other built-in electric units	517	—	12	14	96	133	184	49	29	151
Floor, wall, or pipeless furnace	246	—	21	67	68	57	22	11	—	113
Other means	708	29	81	129	149	128	142	38	12	119
Air conditioning	3 354	—	22	308	803	815	935	303	168	142
Central system	602	—	—	40	30	103	218	124	87	179
1 or more individual room units	2 752	—	22	268	773	712	717	179	81	136
House heating fuel	16 401	55	467	2 180	4 513	4 055	3 782	958	391	131
Utility gas	11 172	11	230	1 523	3 503	2 811	2 278	577	239	128
Bottled, tank, or LP gas	46	—	—	5	6	6	21	8	—	164
Electricity	600	—	14	20	116	154	216	51	29	149
Fuel oil, kerosene, etc.	3 572	30	117	310	617	896	1 166	314	122	145
Other	1 011	14	106	322	271	188	101	8	1	106

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA

	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	35 909	3 116	2 700	4 223	6 620	19 250	13 179	1 177	1 621	1 030	2 258	7 093
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	25 959	2 613	2 159	3 343	5 005	12 839	5 175	457	515	408	991	2 804
15 to 24 years	855	211	102	97	166	279	947	76	88	129	279	375
25 to 34 years	5 004	1 253	657	374	750	1 970	1 835	204	157	59	405	1 010
35 to 44 years	4 947	541	718	724	669	2 295	745	37	34	88	136	450
45 to 64 years	10 613	515	548	1 714	2 544	5 292	988	83	116	62	120	407
65 years and over	4 540	93	134	434	876	3 003	660	57	120	70	51	362
Male householder, no wife present	2 558	279	172	292	450	1 365	2 393	166	282	165	480	1 300
15 to 24 years	147	23	15	17	36	4	461	9	22	15	157	228
25 to 34 years	381	71	44	38	74	154	599	68	79	42	143	267
35 to 44 years	316	51	7	62	48	118	297	7	58	14	47	171
45 to 64 years	693	89	32	65	131	376	557	33	51	31	76	366
65 years and over	1 021	45	33	112	161	670	479	49	72	33	57	268
Female householder, no husband present	7 392	224	369	588	1 165	5 046	5 611	554	824	457	787	2 989
15 to 24 years	57	13	6	8	26	4	618	72	19	51	205	271
25 to 34 years	478	31	109	41	79	218	1 130	139	123	106	237	525
35 to 44 years	507	61	52	58	66	270	602	47	68	46	103	338
45 to 64 years	2 593	78	129	233	475	1 678	1 179	62	154	129	126	708
65 years and over	3 757	41	73	248	519	2 876	2 082	234	460	125	116	1 147
Median age	53.1	34.7	39.2	51.3	55.0	57.2	40.8	36.8	57.9	49.3	29.5	44.1
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	2 580	1 032	215	198	388	747	4 837	707	505	394	1 076	2 155
1975 to 1978	6 610	2 084	674	700	939	2 213	4 258	470	649	285	699	2 155
1970 to 1974	5 649	-	1 811	677	757	2 404	2 056	-	467	219	241	1 129
1960 to 1969	7 655	-	-	2 648	1 119	3 888	1 069	-	-	132	157	780
1959 or earlier	13 415	-	-	-	3 417	9 998	959	-	-	-	85	874
ROOMS												
1 room	34	-	-	7	8	19	407	-	182	31	29	165
2 rooms	85	25	2	6	22	30	442	21	145	38	67	171
3 rooms	512	22	59	84	146	201	2 298	320	357	84	327	1 210
4 rooms	3 788	470	586	762	944	1 026	3 698	482	467	443	710	1 596
5 rooms	7 104	813	713	1 074	1 724	2 780	2 846	206	322	246	520	1 552
6 rooms	12 448	811	706	1 132	2 085	7 714	2 120	92	115	128	363	1 422
7 or more rooms	11 938	975	634	1 158	1 691	7 480	1 368	56	33	60	242	977
Median	6.0	5.8	5.5	5.7	5.7	6.2	4.4	4.0	3.8	4.3	4.5	4.8
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	35 540	3 084	2 685	4 208	6 557	19 006	12 646	1 177	1 616	1 025	2 134	6 694
0.50 or less	23 472	1 673	1 295	2 704	4 385	13 415	8 162	803	996	671	1 295	4 397
0.51 to 1.00	11 404	1 352	1 289	1 406	2 042	5 315	4 181	359	594	316	774	2 138
1.01 to 1.50	561	47	81	90	112	231	263	15	19	38	57	134
1.51 or more	103	12	20	18	18	45	40	-	7	8	25	7
Lacking complete plumbing for exclusive use	369	32	15	15	63	244	533	-	5	5	124	399
0.50 or less	285	22	-	6	50	207	248	-	-	-	66	182
0.51 to 1.00	69	10	15	7	8	29	273	-	5	5	56	207
1.01 to 1.50	5	-	-	2	3	-	10	-	-	-	-	10
1.51 or more	10	-	-	-	2	8	2	-	-	-	2	-
PERSONS IN UNIT												
1 person	5 897	271	261	555	1 075	3 735	5 097	459	830	425	639	2 744
2 persons	11 775	840	660	1 452	2 450	6 373	3 486	337	442	247	687	1 773
3 persons	6 852	740	533	758	1 286	3 535	2 042	188	168	167	508	1 011
4 persons	6 179	775	718	817	1 026	2 843	1 372	146	122	78	233	793
5 persons	3 152	311	310	352	507	1 672	734	19	46	65	99	496
6 or more persons	2 054	179	218	289	276	1 092	448	19	13	13	92	276
Median	2.54	3.10	3.30	2.64	2.41	2.42	1.93	1.88	1.48	1.86	2.21	1.95
Total persons	104 198	10 205	9 181	12 709	18 479	53 624	30 099	2 505	3 024	2 287	5 521	16 762
UNITS IN STRUCTURE												
1, detached or attached	32 195	2 411	1 803	3 540	6 333	18 108	5 002	327	318	260	1 073	3 024
2	904	34	9	32	75	754	2 739	49	66	113	548	1 963
3 and 4	260	11	5	10	43	191	1 777	71	113	122	340	1 131
5 to 9	183	30	-	10	40	103	1 273	220	167	112	162	612
10 to 49	77	-	2	6	18	51	995	194	297	171	70	263
50 or more	20	6	-	1	-	13	943	247	541	55	25	75
Mobile home or trailer, etc.	2 270	624	881	624	111	30	450	69	119	197	40	25
SELECTED CHARACTERISTICS												
Heating equipment	35 902	3 116	2 700	4 223	6 620	19 243	13 176	1 177	1 621	1 030	2 258	7 090
Steam or hot water system	9 840	652	455	1 002	1 561	6 170	4 289	74	201	275	721	3 018
Central warm-air furnace or electric heat pump	21 604	1 288	1 483	2 509	4 469	11 855	6 741	658	1 083	499	1 241	3 260
Other built-in electric units	2 042	843	459	445	130	1 65	1 008	376	267	144	77	144
Floor, wall, or pipeless furnace	388	11	22	18	52	285	216	21	17	6	36	136
Other means	2 028	322	281	249	408	768	922	48	53	106	183	532
Air conditioning	7 705	630	593	1 259	1 653	3 570	2 946	728	717	345	285	871
Central system	1 363	204	198	469	329	1 63	970	401	394	108	11	56
1 or more individual room units	6 342	426	395	790	1 324	3 407	1 976	327	323	237	274	815
House heating fuel	35 902	3 116	2 700	4 223	6 620	19 243	13 176	1 177	1 621	1 030	2 258	7 090
Utility gas	21 474	722	650	1 938	3 739	14 425	8 917	485	999	552	1 556	5 325
Bottled, tank, or LP gas	141	22	24	19	31	45	182	17	16	30	26	93
Electricity	2 389	974	584	489	151	191	1 349	561	365	160	96	167
Fuel oil, kerosene, etc.	9 850	1 192	1 341	1 591	2 273	3 453	2 228	108	230	279	488	1 123
Other	2 048	206	101	186	426	1 129	500	6	11	9	92	382
Income in 1979 below poverty level	2 714	146	226	297	433	1 612	2 991	205	389	161	516	1 720
Percent below poverty level	7.6	4.7	8.4	7.0	6.5	8.4	22.7	17.4	24.0	15.6	22.9	24.2
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	3 476	90	146	393	574	2 273	3 249	309	526	183	432	1 799
\$5,000 to \$9,999	5 636	231	380	453	951	3 621	3 780	269	428	337	677	2 069
\$10,000 to \$12,499	3 282	243	216	290	609	1 924	1 606	115	181	143	263	904
\$12,500 to \$14,999	2 986	277	219	306	561	1 623	1 049	109	100	103	216	521
\$15,000 to \$19,999	6 305	632	550	627	1 204	3 292	1 913	176	196	129	428	984
\$20,000 to \$24,999	5 584	699	496	686	990	2 713	849	95	109	59	174	412
\$25,000 to \$34,999	5 839	669	476	905	1 143	2 646	595	70	59	71	61	334
\$35,000 to \$49,999	1 944	192	152	364	371	865	101	24	20	5	7	45
\$50,000 or more	857	83	65	199	217	293	37	10	2	-	-	25
Median	\$17 064	\$20 526	\$18 422	\$20 281	\$17 752	\$15 275	\$9 328	\$10 228	\$7 890	\$9 926	\$10 190	\$9 120
Mean	\$18 802	\$21 897	\$19 648	\$22 488	\$20 145	\$16 912	\$11 029	\$12 723	\$10 267	\$11 463	\$11 203	\$10 803

Table A-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	35 909	5 897	11 775	6 852	6 179	3 152	1 222	600	232	2.54	104 198
Nonrelatives present	853	—	285	231	122	88	60	28	39	3.11	3 114
ROOMS											
1 to 3 rooms	631	367	209	44	4	7	—	—	—	1.36	992
4 rooms	3 788	1 078	1 606	667	362	47	20	8	—	2.01	8 327
5 rooms	7 104	1 307	2 741	1 306	984	483	186	37	60	2.32	18 751
6 rooms	12 448	1 789	4 218	2 479	2 330	988	406	185	53	2.59	35 849
7 rooms	6 418	827	1 703	1 355	1 298	778	280	133	44	3.00	20 514
8 or more rooms	5 520	529	1 298	1 001	1 201	849	330	237	75	3.43	19 765
Median	6.0	5.6	5.8	6.1	6.2	6.6	6.5	7.0	6.6	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	35 540	5 728	11 670	6 801	6 154	3 146	1 222	598	221	2.55	103 404
1.00 or less	34 876	5 728	11 655	6 792	6 150	3 094	1 016	370	71	2.51	99 284
1.01 to 1.50	561	—	—	9	4	45	206	220	77	6.57	3 503
1.51 or more	103	—	15	7	—	—	—	8	73	8.24	617
Lacking complete plumbing for exclusive use	369	169	105	51	25	6	—	2	11	1.65	794
1.00 or less	354	169	105	51	25	4	—	—	—	1.58	693
1.01 to 1.50	5	—	—	—	—	2	—	2	1	6.75	38
1.51 or more	10	—	—	—	—	—	—	—	10	8.33	63
UNITS IN STRUCTURE											
1, detached or attached	32 195	4 985	10 614	6 177	5 639	2 910	1 101	553	216	2.58	93 622
2 or more	1 444	482	477	226	130	52	57	20	—	2.00	3 836
Mobile home or trailer, etc.	2 270	430	684	449	410	190	64	27	16	2.55	6 740
VALUE											
Specified owner-occupied housing units	29 291	4 555	9 636	5 521	5 226	2 725	983	464	181	2.58	84 525
Less than \$10,000	2 165	587	744	410	228	102	23	36	35	2.17	4 981
\$10,000 to \$19,999	6 268	1 239	2 048	1 113	949	524	244	127	24	2.43	17 868
\$20,000 to \$29,999	7 028	1 114	2 430	1 233	1 232	720	224	68	7	2.49	18 638
\$30,000 to \$39,999	4 939	736	1 689	1 010	827	427	132	62	56	2.54	14 027
\$40,000 to \$49,999	3 724	508	1 157	692	776	378	118	72	23	2.78	12 192
\$50,000 to \$59,999	2 318	169	735	477	524	235	119	47	12	3.03	7 558
\$60,000 to \$79,999	2 199	176	624	479	540	235	79	46	20	3.13	7 108
\$80,000 to \$99,999	366	14	86	76	78	79	27	6	—	3.59	1 271
\$100,000 to \$149,999	224	12	88	20	63	20	17	—	4	3.10	723
\$150,000 or more	60	—	35	11	9	5	—	—	—	2.36	159
Median	\$28 400	\$23 200	\$27 700	\$30 000	\$32 400	\$30 400	\$30 000	\$30 100	\$34 500	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	35 909	5 897	11 775	6 852	6 179	3 152	1 222	600	232	2.54	104 198
Median income	\$17 064	\$6 463	\$14 943	\$20 373	\$21 369	\$21 041	\$23 735	\$22 917	\$21 014	...	...
Median selected monthly owner costs as percentage of household income	15.2	24.5	14.0	13.1	15.3	15.1	13.3	13.9	15.4	...	...
With a mortgage	18.5	26.5	18.5	17.9	18.5	18.1	16.1	16.5	18.9	...	...
Not mortgaged	12.0	24.0	12.3	10—	10—	10—	10—	10—	10.9	...	...
Income in 1979 below poverty level	2 714	1 033	636	342	313	201	86	53	50	2.01	...
Median income	\$3 249	\$2 785	\$3 131	\$2 789	\$4 150	\$6 081	\$7 273	\$8 750	\$10 833	...	...
Median selected monthly owner costs as percentage of household income	50+	49.3	45.3	50+	50+	50.0	50+	27.9	18.4	...	...
With a mortgage	50+	—	50+	50+	50+	50+	50+	27.9	24.0	...	...
Not mortgaged	45.4	47.7	41.0	50+	45.7	29.3	10—	—	15.7	...	...
Renter-occupied housing units	13 179	5 097	3 486	2 042	1 372	734	236	126	86	1.93	30 099
Nonrelatives present	884	—	481	176	100	78	35	6	8	2.42	2 616
ROOMS											
1 room	407	402	5	—	—	—	—	—	—	1.01	443
2 rooms	442	359	59	19	—	—	—	—	—	1.12	559
3 rooms	2 298	1 553	577	123	29	4	7	5	—	1.24	3 300
4 rooms	3 698	1 583	1 251	546	249	63	6	—	—	1.71	6 894
5 rooms	2 846	727	939	637	363	106	44	27	3	2.24	6 994
6 rooms	2 120	315	439	442	440	313	110	40	21	3.19	7 093
7 or more rooms	1 368	158	216	275	291	243	69	54	62	3.62	4 816
Median	4.4	3.6	4.4	5.0	5.6	6.1	6.1	6.3	7.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	12 646	4 812	3 368	1 977	1 348	709	228	119	85	1.95	29 007
1.00 or less	12 343	4 812	3 363	1 958	1 319	642	171	54	24	1.90	27 182
1.01 to 1.50	263	—	—	19	29	60	50	60	45	5.97	1 585
1.51 or more	40	—	5	—	—	7	—	5	16	4.70	240
Lacking complete plumbing for exclusive use	533	285	118	65	24	25	8	7	1	1.44	1 092
1.00 or less	521	285	118	65	24	20	8	—	1	1.41	1 000
1.01 to 1.50	10	—	—	—	—	3	—	7	—	6.79	83
1.51 or more	2	—	—	—	—	2	—	—	—	5.00	9
UNITS IN STRUCTURE											
1, detached or attached	5 002	1 082	1 303	1 041	722	472	191	111	80	2.61	14 430
2	2 739	1 132	773	412	292	91	27	6	6	1.81	5 740
3 and 4	1 777	884	451	204	165	67	6	—	—	1.51	3 394
5 to 9	1 273	555	361	185	101	55	9	7	—	1.73	2 634
10 to 49	995	598	289	55	38	15	—	—	—	1.33	1 664
50 or more	943	682	210	31	11	9	—	—	—	1.19	1 263
Mobile home or trailer, etc.	450	164	99	114	43	25	3	2	—	2.12	974
GROSS RENT											
Specified renter-occupied housing units	12 546	5 005	3 341	1 897	1 251	652	208	108	84	1.88	28 085
Less than \$100	1 150	871	180	39	23	32	5	—	—	1.16	1 654
\$100 to \$149	1 883	1 160	372	148	123	51	15	14	—	1.31	3 384
\$150 to \$199	3 132	1 258	975	520	251	71	44	5	8	1.82	6 260
\$200 to \$249	2 395	745	692	457	281	155	23	34	8	2.15	5 701
\$250 to \$299	1 476	390	421	321	197	81	24	21	21	2.33	3 718
\$300 to \$349	950	213	225	188	172	81	45	12	14	2.70	2 927
\$350 to \$399	375	38	116	64	73	41	17	9	17	3.02	1 236
\$400 to \$499	244	33	80	19	44	34	16	11	7	2.97	870
\$500 or more	78	26	9	15	5	11	12	—	—	2.77	259
No cash rent	863	271	271	126	82	95	7	2	9	2.09	2 076
Median	\$195	\$160	\$200	\$218	\$231	\$243	\$265	\$250	\$302	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	13 179	5 097	3 486	2 042	1 372	734	236	126	86	1.93	30 099
Median income	\$9 328	\$6 020	\$10 732	\$11 817	\$13 648	\$13 010	\$11 786	\$13 056	\$15 543	...	...
Median gross rent as percentage of household income	25.8	29.6	23.0	23.9	21.9	25.8	25.0	25.9	22.7	...	...
Income in 1979 below poverty level	2 991	1 336	534	396	309	259	78	49	30	1.80	...
Median income	\$3 625	\$3 067	\$3 376	\$3 939	\$4 510	\$6 014	\$6 857	\$7 135	\$8 125	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	43.2	35.5	31.7	43.3	...	...

Table A—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA																		
Owner-occupied housing units -----																		
PERSONS IN UNIT																		
1 person	5 897	—	—	—	—	5 897	104	256	165	412	775	19	151	56	1 312	2 593	3 757	53.1
2 persons	11 775	370	887	4 222	3 682	21 754	31	56	95	127	140	13	104	127	813	2 647	67.8	
3 persons	6 852	327	1 303	2 891	644	11 425	12	41	28	81	152	23	99	132	276	61.5		
4 persons	6 179	139	1 812	1 864	152	10 148	1	18	5	33	26	2	61	116	177	41		
5 persons	3 152	13	719	916	51	5 041	—	—	—	2	6	—	56	47	92	29		
6 or more persons	2 054	268	283	871	11	3 567	—	—	—	38	20	—	7	30	42	20		
Median	2.54	2.68	3.67	2.88	2.12	2.54	1.21	1.24	1.46	1.34	1.16	2.23	2.35	3.04	1.49	1.21	...	
Total persons	104 198	2 456	18 549	33 730	10 158	158 031	193	646	610	1 325	1 575	137	1 264	1 613	5 030	5 303	...	
PLUMBING FACILITIES BY PERSONS PER ROOM																		
Complete plumbing for exclusive use	35 540	853	4 976	10 543	4 481	20 383	147	381	309	676	955	56	470	507	2 566	3 182	53.0	
1.01 or more persons per room	664	2	109	208	—	973	—	—	7	24	8	—	7	8	6	75	42.5	
Lacking complete plumbing for exclusive use	369	2	28	70	59	428	—	—	—	17	66	1	1	—	27	75	66.5	
1.01 or more persons per room	15	—	3	12	—	20	—	—	—	—	—	—	—	—	—	—	50.4	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
Specified owner-occupied housing units -----																		
With a mortgage	29 291	548	4 141	4 096	3 783	16 909	95	259	254	507	790	33	321	379	2 082	3 048	53.2	
Less than 15 percent	12 890	517	3 754	3 173	243	10 587	80	234	168	109	84	16	228	227	459	178	39.3	
15 to 19 percent	4 087	109	1 151	1 151	42	2 540	26	26	56	31	21	2	40	37	102	30	44.1	
20 to 24 percent	3 315	184	863	953	39	5 315	15	49	56	17	7	—	28	19	79	42	38.1	
25 to 29 percent	2 066	72	436	303	40	3 277	23	481	54	12	—	—	40	22	90	28	35.1	
30 to 34 percent	1 159	73	450	253	172	2 087	17	59	17	8	—	—	2	37	41	9	34.6	
35 percent or more	655	26	238	113	9	1 033	2	25	11	7	9	—	27	13	42	7	35.5	
Median	1 564	53	375	188	90	1 275	22	31	13	34	47	14	91	93	105	56	41.2	
Not computed	44	—	2	11	—	57	—	6	—	—	—	—	—	6	—	—	40.8	
Not mortgaged -----																		
Less than 10 percent	16 401	18.5	20.3	17.3	25.1	53.2	25.4	25.1	20.0	22.7	43.3	47.5	30.7	29.4	22.7	22.5	62.6	
10 to 14 percent	6 690	31	387	923	3 540	11 031	15	25	86	398	706	17	93	152	1 623	2 870	40.7	
15 to 19 percent	3 533	11	236	541	997	5 311	15	12	56	215	102	—	31	43	403	417	56.8	
20 to 24 percent	2 016	2	76	264	984	2 767	—	7	7	69	140	—	15	30	374	433	62.8	
25 to 29 percent	1 132	5	14	63	298	744	—	11	18	34	147	17	9	33	297	331	67.6	
30 to 34 percent	958	—	6	25	307	1 272	—	—	5	7	107	—	10	4	143	364	68.9	
35 percent or more	429	—	—	9	207	669	—	—	—	—	40	—	8	—	103	380	71.8	
Median	1 484	—	10	15	193	1 212	—	—	—	25	93	—	20	14	234	679	69.1	
Not computed	159	—	8	7	17	32	—	—	—	17	18.7	—	—	28	26	44	63.0	
Total	12.0	11.5	10.0	10.0	13.9	12.0	10.0	11.3	10.0	10.0	18.7	17.5	15.3	13.2	15.4	23.2	...	
Renter-occupied housing units -----																		
PERSONS IN UNIT																		
1 person	5 097	—	—	—	—	5 097	298	408	229	351	409	253	444	180	720	1 805	40.7	
2 persons	3 486	328	425	500	584	4 241	88	139	42	139	45	224	307	149	230	244	45.0	
3 persons	2 042	440	480	116	57	3 105	51	26	20	41	16	91	222	91	143	21	49.4	
4 persons	1 372	140	615	217	4	2 348	10	19	—	10	4	21	88	98	8	7	31.9	
5 persons	734	31	285	38	—	1 058	13	7	—	13	5	23	37	53	21	5	35.7	
6 or more persons	448	8	80	148	15	679	—	—	—	3	—	6	32	31	21	5	39.7	
Median	1.93	2.83	3.32	2.49	2.07	2.49	1.27	1.23	1.15	1.29	1.09	1.75	1.89	2.31	1.32	1.08	...	
Total persons	30 099	2 735	6 399	2 975	1 391	33 699	744	925	408	874	580	1 173	2 465	1 653	2 096	2 442	...	
PLUMBING FACILITIES BY PERSONS PER ROOM																		
Complete plumbing for exclusive use	12 646	924	1 815	721	614	16 721	421	586	263	489	436	601	1 115	581	1 147	1 996	40.1	
1.01 or more persons per room	303	20	97	54	8	442	—	—	6	—	—	14	24	7	17	5	34.0	
Lacking complete plumbing for exclusive use	533	23	20	24	46	606	40	13	34	68	43	17	15	21	32	86	54.5	
1.01 or more persons per room	12	3	2	5	—	22	—	—	—	—	—	—	—	—	—	—	41.0	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
Specified renter-occupied housing units -----																		
Less than 15 percent	12 546	887	1 709	647	887	16 646	450	592	297	534	438	610	1 097	567	1 159	2 055	41.0	
15 to 19 percent	1 868	164	413	208	246	2 699	35	122	95	106	31	32	111	9	170	79	36.9	
20 to 24 percent	1 967	222	332	85	108	2 694	47	121	64	107	36	74	212	62	143	152	34.5	
25 to 29 percent	1 733	129	223	100	98	2 283	68	127	62	80	112	89	163	73	130	240	38.0	
30 to 34 percent	1 386	120	167	48	54	1 735	72	30	30	22	22	38	143	80	119	293	41.0	
35 to 49 percent	903	53	142	29	42	1 207	14	35	10	48	25	53	81	55	58	222	42.9	
50 percent or more	1 737	99	195	53	94	2 288	67	45	21	87	78	71	127	117	184	409	51.8	
Median	1 963	92	116	43	32	1 366	116	58	31	42	87	223	239	141	220	475	40.5	
Not computed	989	8	121	81	128	1 229	31	15	34	42	39	30	21	30	135	185	53.0	
Total	25.8	22.1	21.1	19.4	18.3	25.5	29.1	21.8	17.9	22.1	28.4	35.5	26.8	34.0	27.9	33.9	...	

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The SMSA

	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	5 897	1 712	104	256	165	412	775	4 185	19	151	56	1 312	2 647
PLUMBING FACILITIES													
Complete plumbing for exclusive use	5 728	1 632	104	256	158	405	709	4 096	19	146	56	1 294	2 581
Lacking complete plumbing for exclusive use	169	80	-	-	7	7	66	89	-	5	-	18	66
UNITS IN STRUCTURE													
1, detached or attached	4 985	1 431	81	192	148	336	674	3 554	8	109	42	1 104	2 291
2 or more	482	135	-	32	-	51	52	347	2	5	12	92	236
Mobile home or trailer, etc.	430	146	23	32	17	25	49	284	9	37	2	116	120
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 171	385	1	19	-	83	282	1 786	-	6	6	405	1 369
\$5,000 to \$9,999	2 063	497	26	29	16	82	344	1 566	12	52	24	526	952
\$10,000 to \$12,499	524	175	15	28	18	57	57	349	-	44	17	168	120
\$12,500 to \$14,999	336	156	6	52	31	48	19	180	-	21	3	89	67
\$15,000 to \$19,999	453	268	41	95	34	69	29	185	7	20	-	74	84
\$20,000 to \$24,999	166	126	15	18	25	61	7	40	-	8	-	19	13
\$25,000 to \$34,999	121	78	-	13	27	5	33	43	-	-	-	16	27
\$35,000 to \$49,999	48	19	-	-	8	7	4	29	-	-	6	10	13
\$50,000 or more	15	8	-	2	6	-	-	7	-	-	-	5	2
Median	\$6 463	\$9 703	\$15 385	\$15 000	\$17 431	\$11 798	\$6 250	\$5 729	\$7 375	\$10 994	\$9 706	\$7 241	\$4 901
Mean	\$8 478	\$11 725	\$14 328	\$14 942	\$21 302	\$12 356	\$7 938	\$7 151	\$9 925	\$11 490	\$11 521	\$8 420	\$6 161
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	4 555	1 273	73	173	125	297	605	3 282	8	97	38	1 027	2 112
With a mortgage	772	418	67	160	71	60	60	354	8	72	19	162	93
Less than \$200	143	68	9	23	11	5	20	75	-	14	6	25	30
\$200 to \$249	159	63	8	21	6	21	7	96	8	8	7	47	26
\$250 to \$299	183	86	6	39	17	18	6	97	-	28	-	54	15
\$300 to \$349	141	103	-	52	15	16	20	38	-	-	-	22	16
\$350 to \$399	57	38	32	-	6	-	-	19	-	8	-	5	6
\$400 to \$499	76	47	12	25	8	-	2	29	-	14	6	9	-
\$500 to \$599	7	7	-	-	2	-	5	-	-	-	-	-	-
\$600 to \$749	-	-	-	-	-	-	-	-	-	-	-	-	-
\$750 or more	6	6	-	-	6	-	-	-	-	-	-	-	-
Median	\$273	\$295	\$366	\$296	\$305	\$261	\$275	\$253	\$225	\$275	\$225	\$258	\$232
Not mortgaged	3 783	855	6	13	54	237	545	2 928	25	865	19	865	2 019
Less than \$50	34	19	-	-	-	6	13	15	-	-	-	9	6
\$50 to \$74	207	80	-	-	-	26	54	127	-	10	-	19	98
\$75 to \$99	739	194	-	-	10	51	133	545	-	-	9	161	375
\$100 to \$124	1 227	188	-	-	12	35	141	1 039	-	-	3	313	723
\$125 to \$149	766	149	6	2	12	47	82	617	-	15	5	175	422
\$150 to \$199	607	157	-	11	14	54	78	450	-	-	2	132	316
\$200 to \$249	163	52	-	-	6	5	41	111	-	-	-	49	62
\$250 or more	40	16	-	-	-	13	3	24	-	-	-	7	17
Median	\$119	\$118	\$138	\$170	\$135	\$125	\$113	\$119	-	\$129	\$104	\$119	\$118
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	24.5	20.7	25.0	25.2	16.6	14.3	23.7	25.9	45.0	22.2	18.4	21.8	28.0
With a mortgage	26.5	25.2	25.9	25.9	18.6	24.6	50+	30.6	45.0	31.5	21.3	27.8	46.1
Not mortgaged	24.0	18.0	10-	17.0	10-	12.4	22.1	25.6	-	11.0	15.7	19.9	27.7
Income in 1979 below poverty level	1 033	182	1	19	-	62	100	851	-	6	4	273	568
Percent below poverty level	17.5	10.6	1.0	7.4	-	15.0	12.9	20.3	-	4.0	7.1	20.8	21.5
Renter-occupied housing units	5 097	1 695	298	408	229	351	409	3 402	253	444	180	720	1 805
PLUMBING FACILITIES													
Complete plumbing for exclusive use	4 812	1 522	266	395	195	297	369	3 290	241	444	168	692	1 745
Lacking complete plumbing for exclusive use	285	173	32	13	34	54	40	112	12	-	12	28	60
UNITS IN STRUCTURE													
1, detached or attached	1 082	422	43	112	42	102	123	660	41	81	44	157	337
2	1 132	337	95	96	20	83	43	795	71	144	31	111	438
3 and 4	884	351	81	73	53	86	58	533	70	90	36	115	222
5 to 9	555	177	14	43	51	14	55	378	30	37	12	154	145
10 to 49	598	212	48	75	25	39	25	386	22	71	18	109	166
50 or more	682	147	9	7	20	8	103	535	8	12	8	47	460
Mobile home or trailer, etc.	164	49	8	2	18	19	2	115	11	9	31	27	37
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 174	496	97	37	47	115	200	1 678	72	31	58	326	1 191
\$5,000 to \$9,999	1 549	518	131	60	39	105	183	1 031	117	152	53	215	494
\$10,000 to \$12,499	576	223	46	106	23	44	4	353	39	106	44	87	77
\$12,500 to \$14,999	323	124	12	66	29	17	-	199	18	102	6	40	33
\$15,000 to \$19,999	322	232	12	105	58	40	17	90	-	32	11	39	8
\$20,000 to \$24,999	98	54	-	21	6	27	-	44	-	21	8	13	2
\$25,000 to \$34,999	47	40	-	13	19	3	5	7	7	-	-	-	-
\$35,000 to \$49,999	-	-	-	-	-	-	-	-	-	-	-	-	-
\$50,000 or more	8	8	-	-	8	-	-	-	-	-	-	-	-
Median	\$6 020	\$8 236	\$6 585	\$12 538	\$12 974	\$7 819	\$5 094	\$5 090	\$6 662	\$10 920	\$7 717	\$5 659	\$4 317
Mean	\$7 433	\$9 460	\$6 882	\$12 859	\$14 010	\$8 958	\$5 832	\$6 423	\$7 295	\$10 906	\$7 913	\$6 795	\$4 902
GROSS RENT													
Specified renter-occupied housing units	5 005	1 642	293	408	229	339	373	3 363	245	444	177	714	1 783
Less than \$100	871	256	24	8	43	79	102	615	7	6	12	86	504
\$100 to \$149	1 160	347	50	22	39	114	122	813	43	56	12	218	484
\$150 to \$199	1 258	376	112	134	38	36	56	882	138	118	55	183	388
\$200 to \$249	745	280	46	127	41	36	30	465	32	144	45	83	161
\$250 to \$299	390	184	35	72	32	27	18	206	20	62	23	37	64
\$300 to \$349	213	70	-	29	13	16	12	143	5	41	16	32	49
\$350 to \$399	38	15	-	7	-	6	2	23	-	8	-	8	7
\$400 to \$499	33	17	17	-	-	-	-	16	-	-	-	7	-
\$500 or more	26	14	7	-	7	-	-	12	-	6	6	-	-
No cash rent	271	83	2	9	16	25	31	188	-	3	8	60	117
Median	\$160	\$173	\$188	\$209	\$184	\$143	\$128	\$156	\$187	\$212	\$204	\$153	\$136
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	29.6	24.0	30.8	20.7	17.3	23.0	33.8	32.3	31.4	23.2	35.1	30.9	35.8
Income in 1979 below poverty level	1 336	336	84	27	37	82	106	1 000	60	17	58	243	622
Percent below poverty level	26.2	19.8	28.2	6.6	16.2	23.4	25.9	29.4	23.7	3.8	32.2	33.8	34.5

Table A—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	517	89	184	244
ROOMS				
1 to 3 rooms.....	19	—	11	8
4 rooms.....	49	6	2	41
5 rooms.....	100	15	67	18
6 rooms.....	170	26	53	91
7 rooms.....	94	23	34	37
8 or more rooms.....	85	19	17	49
Median.....	6.0	6.4	5.7	6.1
PLUMBING FACILITIES				
Complete plumbing for exclusive use.....	451	77	162	212
Lacking complete plumbing for exclusive use.....	66	12	22	32
BEDROOMS				
None.....	—	—	—	—
1.....	46	—	11	35
2.....	99	27	36	36
3.....	289	43	111	135
4.....	81	19	26	36
5 or more.....	2	—	—	2
YEAR STRUCTURE BUILT				
1975 to March 1980.....	85	8	57	20
1970 to 1974.....	22	11	11	—
1960 to 1969.....	60	13	37	10
1950 to 1959.....	33	—	6	27
1940 to 1949.....	30	—	2	28
1939 or earlier.....	287	57	71	159
UNITS IN STRUCTURE				
1, detached or attached.....	401	83	142	176
2 or more.....	78	6	8	64
Mobile home or trailer.....	38	—	34	4
HEATING EQUIPMENT				
Central heating system.....	455	77	164	214
Other means.....	42	12	11	19
None.....	20	—	9	11
PRICE ASKED				
Specified vacant for sale only housing units.....	374	71	142	161
Less than \$10,000.....	44	—	17	27
\$10,000 to \$19,999.....	126	28	38	60
\$20,000 to \$29,999.....	66	11	16	39
\$30,000 to \$39,999.....	13	—	13	—
\$40,000 to \$49,999.....	29	11	11	7
\$50,000 to \$59,999.....	38	13	15	10
\$60,000 to \$79,999.....	35	8	23	4
\$80,000 to \$99,999.....	14	—	—	14
\$100,000 or more.....	9	—	9	—
Median.....	\$21 600	\$29 200	\$30 000	\$17 700

The SMSA

	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for rent housing units	882	209	356	317
ROOMS				
1 room.....	23	3	7	13
2 rooms.....	46	14	26	6
3 rooms.....	238	72	71	95
4 rooms.....	239	18	142	79
5 rooms.....	193	44	66	83
6 rooms.....	118	52	27	39
7 or more rooms.....	25	6	17	2
Median.....	4.1	4.4	4.0	4.1
PLUMBING FACILITIES				
Complete plumbing for exclusive use.....	819	198	332	289
Lacking complete plumbing for exclusive use.....	63	11	24	28
BEDROOMS				
None.....	23	3	7	13
1.....	290	68	127	95
2.....	358	83	136	139
3.....	192	49	79	64
4.....	13	6	7	—
5 or more.....	6	—	—	6
YEAR STRUCTURE BUILT				
1975 to March 1980.....	131	34	68	29
1970 to 1974.....	76	18	40	18
1960 to 1969.....	45	20	13	12
1950 to 1959.....	55	15	26	14
1940 to 1949.....	41	9	21	11
1939 or earlier.....	534	113	188	233
UNITS IN STRUCTURE				
1, detached or attached.....	273	57	92	124
2.....	172	49	53	70
3 and 4.....	162	36	62	64
5 to 9.....	102	46	46	10
10 to 49.....	102	3	88	11
50 or more.....	4	—	4	—
Mobile home or trailer.....	67	18	11	38
RENT ASKED				
Specified vacant for rent housing units.....	875	209	356	310
Less than \$100.....	160	47	61	52
\$100 to \$149.....	228	34	74	120
\$150 to \$199.....	253	70	104	79
\$200 to \$249.....	111	44	34	33
\$250 to \$299.....	80	8	49	23
\$300 to \$399.....	39	6	30	3
\$400 or more.....	4	—	4	—
Median.....	\$155	\$164	\$159	\$137

Table A—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

	Price asked—Specified vacant for sale only housing units							Rent asked—Specified vacant for rent housing units						
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	374	44	192	42	87	9	21 600	875	160	481	191	39	4	155
PLUMBING FACILITIES														
Complete plumbing for exclusive use.....	356	39	190	42	76	9	21 400	812	135	449	186	38	4	156
Lacking complete plumbing for exclusive use.....	18	5	2	—	11	—	65 900	63	25	32	5	1	—	121
BEDROOMS														
None.....	—	—	—	—	—	—	—	23	3	13	3	—	4	154
1.....	—	—	—	—	—	—	—	290	69	179	39	3	—	149
2.....	81	9	51	6	15	—	20 100	358	47	194	110	7	—	159
3.....	231	22	108	31	61	9	28 100	185	41	89	32	23	—	158
4.....	62	13	33	5	11	—	13 900	13	—	—	7	6	—	223
5 or more.....	—	—	—	—	—	—	—	6	—	6	—	—	—	135
YEAR STRUCTURE BUILT														
1975 to March 1980.....	72	—	2	6	64	—	64 100	126	—	30	73	23	—	273
1970 to 1974.....	11	—	—	11	—	—	42 500	76	8	41	20	7	—	183
1960 to 1969.....	45	—	16	7	13	9	49 600	45	12	17	12	—	4	110
1950 to 1959.....	29	—	23	6	—	—	17 400	53	2	23	28	—	—	202
1940 to 1949.....	9	—	7	2	—	—	13 200	41	22	9	9	1	—	55
1939 or earlier.....	208	44	144	10	10	—	16 000	534	116	361	49	8	—	141
UNITS IN STRUCTURE														
1, detached or attached.....	374	44	192	42	87	9	21 600	266	65	143	52	6	—	147
2 or more.....	—	—	—	—	—	—	—	542	81	294	130	33	4	164
Mobile home or trailer.....	—	—	—	—	—	—	—	67	14	44	9	—	—	129

Table B-1. Value of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Altoona city	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	13 006	1 166	3 683	3 565	2 044	1 240	635	527	75	61	10	23 800	28 100
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	9 005	601	2 274	2 570	1 544	944	514	434	71	48	5	25 400	29 800
15 to 24 years	207	5	70	77	31	9	8	7	—	—	—	21 100	25 400
25 to 34 years	1 697	58	432	527	301	202	81	96	—	—	—	26 200	29 800
35 to 44 years	1 574	81	336	399	330	197	116	95	5	15	—	28 900	32 300
45 to 64 years	3 762	241	932	1 075	613	401	238	195	41	21	5	25 500	30 600
65 years and over	1 765	216	504	492	269	135	71	41	25	12	—	22 100	26 600
Male householder, no wife present	866	190	253	122	109	108	54	13	4	8	5	19 600	26 800
15 to 24 years	37	—	19	6	6	6	—	—	—	—	—	19 800	23 700
25 to 34 years	110	—	23	30	13	31	7	6	—	—	—	35 800	33 200
35 to 44 years	116	26	21	22	13	17	17	—	—	—	—	21 700	26 800
45 to 64 years	196	43	54	24	29	29	17	—	—	—	—	20 400	25 500
65 years and over	407	121	136	40	48	25	13	7	4	8	5	16 600	25 900
Female householder, no husband present	3 135	375	1 156	873	391	188	67	80	—	5	—	20 300	23 300
15 to 24 years	23	—	12	11	—	—	—	—	—	—	—	17 300	21 300
25 to 34 years	163	—	75	65	18	—	1	4	—	—	—	20 900	22 700
35 to 44 years	193	31	56	51	27	17	—	11	—	—	—	21 000	24 400
45 to 64 years	1 059	136	417	280	151	58	10	7	—	—	—	19 400	21 600
65 years and over	1 697	208	596	466	195	113	56	58	—	5	—	20 700	24 300
Median age	54.8	63.5	56.9	54.1	52.8	51.5	52.6	50.2	59.3	58.5	65.0	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	687	29	133	202	110	111	50	47	5	—	—	28 800	32 600
1975 to 1978	2 086	76	520	547	392	225	153	143	15	15	—	28 000	32 300
1970 to 1974	1 831	67	535	564	334	167	89	65	—	10	—	24 700	28 400
1960 to 1969	2 861	231	706	801	417	293	181	187	17	23	5	25 400	30 400
1959 or earlier	5 541	763	1 789	1 451	791	444	162	85	38	13	5	21 000	24 600
ROOMS													
1 to 3 rooms	102	55	30	—	5	6	6	—	—	—	—	10000—	16 800
4 rooms	680	84	191	184	139	54	20	8	—	—	—	22 400	24 600
5 rooms	1 854	221	527	507	305	187	81	26	—	—	—	23 000	25 400
6 rooms	5 569	492	1 760	1 576	862	520	191	145	18	5	—	22 500	26 000
7 rooms	2 665	154	676	798	426	258	165	150	20	18	—	25 700	30 100
8 or more rooms	2 136	160	499	500	307	215	172	198	37	38	10	27 200	34 900
Median	6.2	6.0	6.1	6.2	6.2	6.2	6.6	7.1	7.5	8.3	8.5+	...	...
BEDROOMS													
None	7	7	—	—	—	—	—	—	—	—	—	10000—	7 500
1	204	67	89	31	11	6	—	—	—	—	—	15 700	16 400
2	2 584	314	765	691	428	245	86	50	—	5	—	22 300	25 300
3	7 695	602	2 239	2 086	1 251	761	414	277	37	28	—	24 100	27 900
4	2 223	150	526	717	308	192	109	178	20	23	—	24 900	30 900
5 or more	293	26	64	40	46	42	20	22	18	5	10	32 600	43 200
YEAR STRUCTURE BUILT													
1975 to March 1980	322	—	6	29	25	78	97	82	5	—	—	51 700	51 500
1970 to 1974	232	6	—	17	67	46	43	44	—	9	—	46 200	48 600
1960 to 1969	891	11	15	101	128	224	173	201	16	17	5	48 600	50 000
1950 to 1959	937	6	87	143	207	255	118	76	29	16	—	40 900	42 500
1940 to 1949	857	33	140	245	264	122	26	22	—	—	5	30 300	32 400
1939 or earlier	9 767	1 110	3 435	3 030	1 353	515	178	102	25	19	—	20 800	23 000
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 201	216	416	340	141	54	30	4	—	—	—	19 300	21 200
\$5,000 to \$9,999	2 130	331	727	545	337	144	18	28	—	—	—	20 100	22 300
\$10,000 to \$12,499	1 194	115	415	346	197	68	39	14	—	—	—	21 500	23 800
\$12,500 to \$14,999	1 051	95	333	306	152	103	55	7	—	—	—	22 100	24 800
\$15,000 to \$19,999	2 279	160	756	654	373	182	105	39	6	4	—	22 900	26 200
\$20,000 to \$24,999	2 024	144	450	677	394	185	96	71	—	7	—	24 800	28 300
\$25,000 to \$34,999	2 201	72	468	517	363	341	198	209	14	19	—	31 300	35 000
\$35,000 to \$49,999	685	33	101	148	65	141	61	102	28	6	—	39 200	40 300
\$50,000 or more	241	—	17	32	22	22	33	53	27	25	10	59 000	66 600
Median	\$17 103	\$10 783	\$14 628	\$16 724	\$17 437	\$21 835	\$23 322	\$29 375	\$44 392	\$40 680	\$75 000	...	...
Mean	\$18 552	\$12 920	\$15 626	\$17 613	\$18 040	\$22 306	\$26 076	\$32 496	\$49 504	\$43 179	\$132 383	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	5 209	279	1 201	1 497	931	606	328	297	33	32	5	26 500	31 200
Less than 15 percent	1 764	68	401	486	336	205	112	121	15	15	5	26 600	32 700
15 to 19 percent	1 438	56	370	457	273	144	66	59	7	6	—	25 900	29 800
20 to 24 percent	790	40	142	245	157	111	43	45	—	7	—	28 600	31 900
25 to 29 percent	351	28	82	94	21	42	45	34	5	—	—	24 400	32 700
30 to 34 percent	263	26	70	57	59	33	5	13	—	—	—	24 800	27 400
35 percent or more	591	61	130	158	85	71	51	25	6	4	—	26 400	29 800
Not computed	12	—	6	—	—	—	6	—	—	—	—	36 300	36 900
Median	17.9	21.9	17.7	17.9	17.4	18.4	18.7	17.3	16.1	15.8	12.5	...	...
Net mortgaged	7 797	887	2 482	2 068	1 113	634	307	230	42	29	5	21 800	26 000
Less than 10 percent	3 197	253	978	857	396	327	148	169	35	29	—	23 300	29 400
10 to 14 percent	1 584	200	456	465	283	86	74	13	7	—	—	21 700	24 300
15 to 19 percent	1 031	116	397	264	134	62	50	8	—	—	—	20 100	23 300
20 to 24 percent	512	72	165	124	93	35	7	16	—	—	—	20 900	24 100
25 to 29 percent	477	71	161	108	79	58	—	—	—	—	—	22 500	23 200
30 to 34 percent	186	30	66	26	29	15	11	9	—	—	—	19 800	25 500
35 percent or more	734	140	210	218	92	42	17	15	—	—	—	20 500	22 500
Not computed	76	5	49	6	7	9	—	—	—	—	—	16 000	20 400
Median	12.1	14.7	12.6	11.9	12.8	10—	10.4	10—	10—	10—	10—	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	12 994	1 166	3 671	3 565	2 044	1 240	635	527	75	61	10	23 800	28 100
1.01 or more persons per room	136	28	51	14	32	6	5	—	—	—	—	15 700	20 800
Lacking complete plumbing for exclusive use	12	—	12	—	—	—	—	—	—	—	—	12 500	12 500
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	12 999	1 166	3 683	3 558	2 044	1 240	635	527	75	61	10	23 800	28 100
Central heating system	12 781	1 138	3 611	3 492	2 021	1 229	631	513	75	61	10	23 800	28 100
Air conditioning	3 129	112	553	826	560	474	262	237	56	39	10	31 200	34 100
Central system	572	—	—	68	57	111	117	140	42	16	10	52 700	57 000
Income in 1979 below poverty level	838	159	286	236	89	34	30	4	—	—	—	18 800	21 000
Percent below poverty level	6.4	13.6	7.8	6.6	4.4	2.7	4.7	0.8	—	—	—	...	...

Table B—2. Gross Rent of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Altoona city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	6 626	784	1 131	1 807	1 205	718	414	153	81	22	311	185
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	2 207	57	211	591	475	367	229	99	46	10	122	218
15 to 24 years	405	18	37	133	110	81	26	—	—	—	—	207
25 to 34 years	768	12	44	161	208	133	119	51	12	5	23	237
35 to 44 years	292	—	38	50	47	56	27	22	19	5	28	246
45 to 64 years	389	11	26	98	73	67	45	20	5	—	44	222
65 years and over	353	16	66	149	37	30	12	6	10	—	27	176
Male householder, no wife present	1 302	185	290	304	218	158	48	19	21	—	59	174
15 to 24 years	264	15	36	106	53	41	—	—	8	—	5	188
25 to 34 years	277	3	12	93	94	33	16	13	13	—	—	210
35 to 44 years	170	37	36	24	16	30	4	—	—	—	23	151
45 to 64 years	317	59	123	34	26	34	18	6	—	—	17	142
65 years and over	274	71	83	47	29	20	10	—	—	—	14	131
Female householder, no husband present	3 117	542	630	912	512	193	137	35	14	12	130	171
15 to 24 years	310	8	59	161	39	12	—	—	—	—	—	187
25 to 34 years	581	32	68	177	186	44	36	12	14	6	6	202
35 to 44 years	289	27	15	81	64	55	24	12	—	6	5	212
45 to 64 years	705	72	175	215	127	25	21	11	—	—	59	166
65 years and over	1 232	403	313	278	96	38	44	—	—	—	60	131
Median age	44.3	70.0	61.0	38.5	32.0	34.7	34.8	35.1	34.0	32.5	53.0	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	2 356	167	289	635	512	366	206	94	47	11	29	206
1975 to 1978	2 040	267	314	615	375	177	130	43	34	11	74	182
1970 to 1974	1 243	258	237	310	174	131	47	7	—	—	79	166
1960 to 1969	601	47	202	168	60	33	16	9	—	—	66	154
1959 or earlier	386	45	89	79	84	11	15	—	—	—	63	170
ROOMS												
1 room	317	221	58	6	—	—	18	—	—	6	8	91
2 rooms	314	111	136	48	5	—	5	—	—	—	9	108
3 rooms	1 291	206	308	472	216	46	20	—	6	—	17	162
4 rooms	1 546	122	331	584	314	111	20	12	18	6	28	177
5 rooms	1 403	78	201	416	305	222	114	22	—	10	35	199
6 rooms	1 151	33	76	226	269	215	156	58	32	—	86	238
7 or more rooms	604	13	21	55	96	124	81	61	25	—	128	267
Median	4.4	2.8	3.7	4.1	4.7	5.4	5.7	6.2	6.0	4.3	6.2	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	6 626	784	1 131	1 807	1 205	718	414	153	81	22	311	185
Complete plumbing for exclusive use	6 426	693	1 075	1 782	1 184	711	414	153	81	22	311	187
0.50 or less	4 146	435	778	1 219	741	401	181	84	43	11	253	181
0.51 to 1.00	2 144	253	278	531	428	290	206	69	31	6	52	199
1.01 to 1.50	119	—	19	25	15	15	27	—	7	5	6	238
1.51 or more	17	5	—	7	—	5	—	—	—	—	—	175
Lacking complete plumbing for exclusive use	200	91	56	25	21	7	—	—	—	—	—	105
0.50 or less	81	24	32	19	6	—	—	—	—	—	—	118
0.51 to 1.00	119	67	24	6	15	7	—	—	—	—	—	97
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level	1 662	357	386	348	267	140	95	28	15	11	15	162
Complete plumbing for exclusive use	1 588	336	362	336	257	133	95	28	15	11	15	164
1.01 or more persons per room	45	—	8	13	6	—	11	—	7	—	—	206
Lacking complete plumbing for exclusive use	74	21	24	12	10	7	—	—	—	—	—	109
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	374	251	78	6	7	—	18	—	—	6	8	91
1	2 225	336	595	815	322	90	30	—	—	5	32	159
2	2 228	137	345	742	502	248	89	52	35	6	72	191
3	1 406	52	79	197	308	299	237	57	38	5	134	250
4	323	8	29	41	47	74	40	29	8	—	47	263
5 or more	70	—	5	6	19	7	—	15	—	—	18	220
UNITS IN STRUCTURE												
1, detached or attached	2 160	94	127	386	391	437	273	116	57	5	274	243
2	1 658	100	394	574	384	120	68	14	—	—	4	180
3 and 4	1 038	120	249	394	187	63	11	5	—	—	9	168
5 to 9	601	59	150	233	80	20	27	18	14	—	—	172
10 to 49	465	83	62	142	92	51	20	—	—	6	9	181
50 or more	704	328	149	78	71	27	15	—	10	11	15	103
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT												
1975 to March 1980	276	75	47	31	23	7	34	24	24	11	—	170
1970 to 1974	817	342	127	106	140	64	22	—	—	—	16	128
1960 to 1969	374	64	54	90	56	51	20	6	12	6	15	187
1950 to 1959	381	11	24	153	72	65	28	7	—	—	21	198
1940 to 1949	795	46	65	314	103	130	72	47	6	—	12	196
1939 or earlier	3 983	246	814	1 113	811	401	238	69	39	5	247	186
STORIES IN STRUCTURE												
1 to 3	5 904	467	978	1 712	1 118	698	394	153	71	17	296	190
4 or more	722	317	153	95	87	20	20	—	10	5	15	107
With elevator	648	311	145	54	76	12	20	—	10	5	15	101
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	935	152	166	357	153	81	26	—	—	—	—	173
15 to 19 percent	1 064	97	160	336	217	164	67	12	11	—	—	194
20 to 24 percent	979	179	186	286	141	104	52	25	6	—	—	173
25 to 29 percent	757	158	127	160	177	50	56	13	11	5	—	178
30 to 34 percent	392	83	74	70	79	41	16	17	6	—	—	178
35 to 49 percent	976	70	191	284	183	106	63	57	22	—	—	189
50 percent or more	1 134	37	214	289	228	172	134	29	25	6	—	206
Not computed	389	8	13	25	27	—	—	—	—	5	311	184
Median	25.9	23.9	26.9	23.5	27.2	26.0	31.9	37.2	36.5	32.9	—	...
SELECTED CHARACTERISTICS												
Heating equipment	6 626	784	1 131	1 807	1 205	718	414	153	81	22	311	185
Central heating system	6 366	774	1 084	1 741	1 131	704	395	138	81	22	296	184
Air conditioning	1 249	223	113	242	166	191	128	44	24	17	101	199
Central system	457	120	54	51	73	43	45	18	16	6	31	193

Table B—3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Altoona city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	14 403	1 450	2 385	1 317	1 215	2 493	2 131	2 377	762	273	16 736	18 306	976
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	9 774	293	947	810	895	2 030	1 777	2 076	697	249	19 791	21 429	318
15 to 24 years	228	—	7	12	43	79	51	22	9	5	18 702	20 659	—
25 to 34 years	1 795	45	70	124	174	496	491	356	29	10	19 900	20 480	55
35 to 44 years	1 663	15	48	80	137	347	434	451	124	27	21 859	23 184	32
45 to 64 years	4 113	142	266	258	226	806	650	1 119	477	169	22 462	24 249	177
65 years and over	1 975	91	556	336	315	302	151	128	58	38	12 536	15 029	54
Male householder, no wife present	1 040	156	270	125	92	127	119	108	31	12	11 880	15 659	54
15 to 24 years	47	—	—	8	21	12	6	—	—	—	14 345	14 974	—
25 to 34 years	152	6	21	28	24	33	22	12	6	—	14 688	16 171	6
35 to 44 years	116	—	17	19	6	33	28	13	—	—	16 905	17 709	—
45 to 64 years	232	29	39	32	—	24	51	45	12	—	19 167	17 890	18
65 years and over	493	121	193	38	41	25	12	38	13	12	8 466	14 035	30
Female householder, no husband present	3 589	1 001	1 168	382	228	336	235	193	34	12	7 951	10 570	604
15 to 24 years	23	6	11	—	—	—	6	—	—	—	8 750	11 178	6
25 to 34 years	183	46	50	29	6	25	22	4	1	—	9 375	10 701	85
35 to 44 years	215	35	61	57	14	16	18	8	6	—	10 504	11 317	35
45 to 64 years	1 213	201	381	135	124	169	83	93	15	12	10 454	12 935	172
65 years and over	1 955	713	665	161	84	126	106	88	12	—	6 352	9 001	306
Median age	55.4	69.3	68.1	61.0	56.9	48.7	44.7	49.7	53.0	54.0	...	...	60.6
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	764	23	65	69	82	163	180	133	43	6	19 419	21 193	38
1975 to 1978	2 261	127	169	169	230	563	443	452	71	37	19 057	19 860	126
1970 to 1974	2 022	142	233	132	132	468	458	347	100	10	18 904	18 921	126
1960 to 1969	3 107	237	346	280	232	483	536	687	195	111	19 793	21 139	194
1959 or earlier	6 249	921	1 572	667	539	816	514	758	353	109	12 367	15 784	492
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	14 363	1 437	2 362	1 317	1 215	2 493	2 131	2 377	758	273	16 769	18 331	963
1.01 or more persons per room	147	6	—	23	31	43	14	25	5	—	16 125	18 559	22
Lacking complete plumbing for exclusive use	40	13	23	—	—	—	—	—	4	—	6 458	9 553	13
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	14 396	1 450	2 385	1 317	1 215	2 486	2 131	2 377	762	273	16 728	18 306	976
Central heating system	14 143	1 396	2 336	1 298	1 194	2 449	2 083	2 363	751	273	16 770	18 374	922
Air conditioning	3 463	205	398	326	265	577	510	767	254	161	19 671	22 004	153
Central system	620	19	43	23	31	100	75	165	82	82	26 284	30 719	14
Vehicles available	12 829	777	1 729	1 249	1 157	2 418	2 115	2 363	754	268	18 175	19 695	613
1	6 068	625	1 386	904	738	1 052	754	481	107	21	12 903	14 506	430
2 or more	6 761	152	343	344	419	1 366	1 361	1 882	647	247	22 459	24 352	183
House heating fuel	14 396	1 450	2 385	1 317	1 215	2 486	2 131	2 377	762	273	16 728	18 306	976
Utility gas	13 684	1 419	2 285	1 225	1 113	2 366	2 056	2 229	738	253	16 741	18 265	954
Bottled, tank, or LP gas	15	—	6	—	—	—	—	9	—	—	30 132	22 320	—
Electricity	190	—	6	13	23	40	27	51	10	20	22 167	25 848	—
Fuel oil, kerosene, etc.	173	8	19	33	44	24	12	26	7	—	14 006	16 547	5
Other	334	23	69	46	35	56	36	62	7	—	14 571	16 428	17
Median rooms	6.2	5.8	5.9	6.0	6.1	6.2	6.3	6.5	6.6	7.4	...	...	6.0
Specified owner-occupied housing units	13 006	1 201	2 130	1 194	1 051	2 279	2 024	2 201	685	241	17 103	18 552	838
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	5 209	190	385	402	412	1 159	1 160	1 112	304	85	20 208	21 250	231
Less than \$200	640	28	77	43	75	134	157	103	23	—	18 697	18 626	40
\$200 to \$249	1 192	57	123	129	123	321	232	164	43	—	17 705	17 879	76
\$250 to \$299	1 295	35	99	105	87	359	291	266	53	—	19 564	19 966	41
\$300 to \$349	794	30	44	57	22	177	184	202	67	11	21 373	22 453	34
\$350 to \$399	547	27	12	43	33	76	163	148	38	7	22 292	22 335	27
\$400 to \$499	446	6	22	13	44	72	97	141	20	31	22 650	25 961	6
\$500 to \$599	158	7	5	6	8	16	20	41	45	10	28 182	29 079	7
\$600 to \$749	98	—	3	6	12	—	16	30	10	21	25 938	41 797	—
\$750 or more	39	—	—	—	8	4	—	17	5	5	28 021	33 083	—
Median	\$280	\$264	\$247	\$264	\$255	\$267	\$283	\$306	\$325	\$480	...	...	\$250
Not mortgaged	7 797	1 011	1 745	792	639	1 120	864	1 089	381	156	13 871	16 750	607
Less than \$50	5	—	—	5	—	—	—	—	—	—	11 250	10 610	—
\$50 to \$74	153	47	31	29	20	20	—	6	—	—	9 659	10 156	18
\$75 to \$99	976	220	296	148	72	59	80	64	25	12	9 381	11 799	141
\$100 to \$124	2 519	358	718	268	192	344	264	287	81	7	11 712	14 240	219
\$125 to \$149	1 951	214	353	129	199	388	218	295	122	33	15 815	17 654	114
\$150 to \$199	1 547	105	258	169	93	234	245	281	99	63	18 495	20 624	66
\$200 to \$249	480	55	53	37	48	61	32	126	37	31	16 926	22 695	42
\$250 or more	166	12	36	7	15	14	25	30	17	10	19 821	26 299	7
Median	\$128	\$117	\$119	\$120	\$129	\$134	\$135	\$141	\$142	\$171	...	...	\$116
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	5 209	190	385	402	412	1 159	1 160	1 112	304	85	20 208	21 250	231
Less than 15 percent	1 764	—	6	—	32	194	499	709	239	85	26 373	29 434	—
15 to 19 percent	1 438	—	—	12	110	573	408	288	47	—	20 232	21 411	—
20 to 24 percent	790	—	26	120	139	238	193	61	13	—	17 115	17 819	5
25 to 29 percent	351	—	56	104	20	96	44	26	5	—	14 437	15 852	—
30 to 34 percent	263	—	76	85	46	31	5	20	—	—	11 632	13 078	29
35 percent or more	591	178	221	81	65	27	11	8	—	—	8 275	8 295	185
Not computed	12	12	—	—	—	—	—	—	—	—	2500—	—	12
Median	17.9	50+	37.7	28.3	22.3	18.4	16.0	13.5	10.5	10—	...	...	50+
Not mortgaged	7 797	1 011	1 745	792	639	1 120	864	1 089	381	156	13 871	16 750	607
Less than 10 percent	3 197	—	11	103	190	604	744	1 015	374	156	24 587	27 196	—
10 to 14 percent	1 584	11	223	407	326	435	101	74	7	—	13 658	14 538	7
15 to 19 percent	1 031	18	636	192	93	73	19	—	—	—	9 089	9 758	17
20 to 24 percent	512	35	382	62	25	8	—	—	—	—	7 381	7 917	11
25 to 29 percent	477	130	325	22	—	—	—	—	—	—	5 932	6 079	38
30 to 34 percent	186	107	68	6	5	—	—	—	—	—	4 673	5 376	21
35 percent or more	734	634	100	—	—	—	—	—	—	—	3 654	3 561	437
Not computed	76	76	—	—	—	—	—	—	—	—	2500—	—	76
Median	12.1	40.0	20.0	13.6	12.0	10—	10—	10—	10—	10—	...	...	47.4

Table B—4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Altoona city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Renter-occupied housing units	6 753	1 939	2 014	789	484	969	300	198	45	15	8 322	9 980	1 702
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	2 276	185	639	336	241	539	164	126	37	9	12 336	13 509	331
15 to 24 years	418	47	132	54	57	112	9	7	—	—	11 389	11 591	83
25 to 34 years	786	63	166	133	99	219	34	65	7	—	13 283	13 833	112
35 to 44 years	299	24	49	50	28	84	41	18	—	5	14 866	14 741	63
45 to 64 years	407	12	96	23	31	95	80	36	30	4	16 995	17 943	33
65 years and over	366	39	196	76	26	29	—	—	—	—	8 587	9 067	40
Male householder, no wife present	1 331	398	406	142	82	186	65	43	3	6	8 197	9 823	335
15 to 24 years	264	107	100	23	14	12	8	—	—	—	6 330	6 737	107
25 to 34 years	277	34	65	58	22	82	16	—	—	—	11 703	11 848	38
35 to 44 years	170	28	40	17	26	28	10	15	—	6	12 500	14 617	30
45 to 64 years	335	93	92	44	16	43	21	23	3	—	8 750	10 593	83
65 years and over	285	136	109	—	4	21	10	5	—	—	5 217	6 948	77
Female householder, no husband present	3 146	1 356	969	311	161	244	71	29	5	—	5 901	7 493	1 036
15 to 24 years	310	127	120	29	—	28	6	—	—	—	5 787	6 470	150
25 to 34 years	592	148	195	78	67	60	37	7	—	—	8 601	9 757	185
35 to 44 years	301	125	92	31	16	35	2	—	—	—	6 328	7 402	142
45 to 64 years	711	227	210	83	54	84	26	22	5	—	8 041	9 479	224
65 years and over	1 232	729	352	90	24	37	—	—	—	—	4 576	5 539	335
Median age	44.3	62.8	47.6	36.6	33.9	34.1	39.9	40.7	52.5	41.5	...	...	41.0
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 368	639	726	252	214	351	129	52	—	5	8 545	9 847	680
1975 to 1978	2 102	595	590	284	145	307	91	69	15	6	8 405	10 084	537
1970 to 1974	1 272	409	397	147	52	180	34	44	9	—	7 763	9 553	281
1960 to 1969	613	172	164	76	44	90	29	20	18	—	9 054	10 977	112
1959 or earlier	398	124	137	30	29	41	17	13	3	4	7 786	10 050	92
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	6 553	1 816	1 965	784	471	964	295	198	45	15	8 521	10 112	1 628
0.50 or less	4 217	1 322	1 276	487	290	533	153	125	25	6	7 795	9 539	885
0.51 to 1.00	2 195	488	633	281	174	405	116	73	20	5	9 780	10 962	693
1.01 to 1.50	119	6	44	11	7	26	21	—	—	4	12 159	14 502	38
1.51 or more	22	—	12	5	—	5	—	—	—	—	9 500	11 523	12
Lacking complete plumbing for exclusive use	200	123	49	5	13	5	5	—	—	—	4 315	5 645	74
0.50 or less	81	56	25	—	—	—	—	—	—	—	4 006	4 001	35
0.51 to 1.00	119	67	24	5	13	5	5	—	—	—	4 583	6 764	39
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	6 753	1 939	2 014	789	484	969	300	198	45	15	8 322	9 980	1 702
Central heating system	6 481	1 837	1 923	768	460	932	291	193	42	15	8 428	10 061	1 597
Air conditioning	1 255	348	325	100	66	252	80	61	17	6	9 011	11 454	202
Central system	4 457	164	178	23	6	41	26	14	5	—	6 493	8 980	62
Vehicles available	4 329	647	1 205	653	426	882	272	184	45	15	11 196	12 230	641
2 or more	3 191	585	1 009	566	339	467	150	48	21	6	10 007	10 703	550
House heating fuel	1 138	62	196	87	67	415	122	136	24	9	16 236	16 512	91
Utility gas	6 753	1 939	2 014	789	484	969	300	198	45	15	8 322	9 980	1 702
Bottled, tank, or LP gas	6 180	1 780	1 808	728	465	886	255	198	45	15	8 366	10 027	1 561
Electricity	67	14	22	9	8	14	—	—	—	—	8 750	9 406	7
Fuel oil, kerosene, etc.	297	103	100	18	7	45	24	—	—	—	6 558	8 812	71
Other	110	18	54	28	—	—	10	—	—	—	8 786	9 245	24
Median rooms	99	24	30	6	4	24	11	—	—	—	9 625	11 750	39
Median rooms	4.4	3.7	4.3	4.7	4.7	5.0	5.5	5.7	5.4	5.8	...	...	4.3
Specified renter-occupied housing units	6 626	1 915	1 961	771	470	955	296	198	45	15	8 328	9 996	1 662
CONTRACT RENT													
Less than \$100	1 464	728	404	63	85	118	46	17	3	—	5 040	7 333	542
\$100 to \$149	1 963	622	688	255	98	188	44	49	10	9	7 130	8 767	598
\$150 to \$199	2 056	392	591	277	226	412	76	70	6	6	10 406	11 152	408
\$200 to \$249	559	87	160	99	35	90	81	—	7	—	10 821	12 079	67
\$250 to \$299	179	34	22	8	21	62	18	9	5	—	15 304	14 455	21
\$300 to \$349	62	6	5	5	—	26	6	14	—	—	16 875	17 751	6
\$350 to \$399	11	—	—	—	—	5	6	—	—	—	30 064	27 726	—
\$400 to \$499	10	—	10	—	—	—	—	—	—	—	6 250	6 935	—
\$500 or more	11	5	—	—	—	6	—	—	—	—	20 208	9 477	5
No cash rent	311	41	81	64	5	59	14	33	14	—	11 309	14 268	15
Median	\$143	\$112	\$141	\$155	\$156	\$159	\$169	\$163	\$154	\$147	...	...	\$120
GROSS RENT													
Less than \$100	784	544	141	38	23	33	—	5	—	—	4 170	5 344	357
\$100 to \$149	1 131	487	416	103	13	72	34	6	—	—	5 674	6 776	386
\$150 to \$199	1 807	397	615	230	198	267	60	34	6	—	9 074	9 923	348
\$200 to \$249	1 205	242	363	187	114	197	41	44	13	4	9 967	11 052	267
\$250 to \$299	718	95	209	51	52	213	45	35	12	6	12 692	13 439	140
\$300 to \$349	414	77	90	54	26	83	54	25	—	5	11 852	13 995	95
\$350 to \$399	153	13	29	44	17	19	26	5	—	—	11 960	13 560	28
\$400 to \$499	81	8	17	—	22	12	11	11	—	—	14 261	14 927	15
\$500 or more	22	11	—	—	—	11	—	—	—	—	11 250	9 783	11
No cash rent	311	41	81	64	5	59	14	33	14	—	11 309	14 268	15
Median	\$185	\$141	\$178	\$198	\$200	\$216	\$255	\$242	\$224	\$290	...	...	\$162
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	935	—	58	74	78	371	163	145	31	15	18 057	19 829	7
15 to 19 percent	1 064	37	166	182	227	354	78	20	—	—	14 119	14 018	59
20 to 24 percent	979	151	385	213	81	124	25	—	—	—	9 472	9 786	72
25 to 29 percent	757	182	351	133	40	41	10	—	—	—	8 039	8 204	126
30 to 34 percent	392	128	204	31	17	6	6	—	—	—	6 650	7 057	118
35 to 49 percent	976	344	536	74	22	—	—	—	—	—	5 921	6 105	274
50 percent or more	1 134	954	180	—	—	—	—	—	—	—	3 374	3 392	913
Not computed	389	119	81	64	5	59	14	33	14	—	9 471	11 347	93
Median	25.9	50+	29.7	22.3	18.4	16.1	13.9	10.7	10—	10—	...	...	50+

Table B—5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Altoona city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units -----	5 209	640	1 192	1 295	794	547	446	158	98	39	280
PERSONS IN UNIT											
1 person -----	306	57	72	56	68	18	35	—	—	—	271
2 persons -----	1 101	129	283	300	133	101	90	32	8	25	273
3 persons -----	1 155	130	256	255	207	170	85	17	26	9	288
4 persons -----	1 314	174	264	354	200	143	102	49	28	—	281
5 persons -----	895	90	199	239	125	62	97	54	29	—	283
6 persons -----	251	21	61	74	20	41	23	6	—	5	279
7 persons -----	119	23	47	6	31	12	—	—	—	—	239
8 or more persons -----	68	16	10	11	10	—	14	—	7	—	286
Median -----	3.53	3.52	3.44	3.60	3.45	3.41	3.63	4.11	4.04	2.28	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	4 358	477	965	1 148	639	476	374	142	98	39	282
15 to 24 years -----	201	7	31	91	24	33	15	—	—	—	284
25 to 34 years -----	1 543	139	325	385	228	214	153	51	39	9	290
35 to 44 years -----	1 166	118	292	287	157	133	80	61	28	10	280
45 to 64 years -----	1 315	199	287	351	213	71	121	30	31	12	274
65 years and over -----	133	14	30	34	17	25	5	—	—	8	283
Male householder, no wife present -----	277	24	58	39	70	24	46	16	—	—	313
15 to 24 years -----	31	—	13	—	—	12	6	—	—	—	360
25 to 34 years -----	98	6	13	21	35	12	11	—	—	—	313
35 to 44 years -----	87	12	22	13	23	—	11	6	—	—	287
45 to 64 years -----	30	—	10	5	7	—	10	—	—	—	300
65 years and over -----	31	6	—	—	—	—	18	—	—	—	411
Female householder, no husband present -----	574	139	169	108	85	47	26	—	—	—	244
15 to 24 years -----	6	—	—	6	—	—	—	—	—	—	275
25 to 34 years -----	121	20	43	32	13	—	13	—	—	—	247
35 to 44 years -----	126	13	40	22	18	27	6	—	—	—	273
45 to 64 years -----	223	64	60	37	41	14	7	—	—	—	240
65 years and over -----	98	42	26	11	13	6	—	—	—	—	213
Median age -----	39.4	45.3	39.6	37.9	40.6	35.2	38.3	40.2	38.8	60.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	583	4	47	124	87	176	76	39	21	9	358
1975 to 1978 -----	1 685	116	324	483	282	166	184	71	42	17	292
1970 to 1974 -----	1 175	188	323	290	177	112	62	11	7	5	263
1960 to 1969 -----	1 219	227	362	277	160	51	82	32	28	—	254
1959 or earlier -----	547	105	136	121	88	42	42	5	—	8	263
ROOMS											
1 to 3 rooms -----	7	—	—	—	7	—	—	—	—	—	325
4 rooms -----	184	6	64	48	39	14	5	—	—	8	273
5 rooms -----	482	78	89	128	89	33	41	10	6	8	279
6 rooms -----	2 104	331	546	546	283	209	126	46	17	—	266
7 rooms -----	1 300	139	269	318	235	126	142	44	18	9	288
8 or more rooms -----	1 132	86	224	255	141	165	132	58	57	14	300
Median -----	6.4	6.2	6.3	6.4	6.4	6.6	6.9	7.0	7.9	6.9	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	242	—	8	18	31	33	86	28	20	18	432
1970 to 1974 -----	170	5	15	33	23	40	29	12	5	8	361
1960 to 1969 -----	456	10	58	110	98	47	52	46	35	—	326
1950 to 1959 -----	324	16	44	64	66	49	72	5	—	8	329
1940 to 1949 -----	507	51	134	120	59	101	24	9	—	—	279
1939 or earlier -----	3 510	558	933	950	517	277	183	58	29	5	264
VALUE											
Less than \$10,000 -----	279	80	115	57	22	—	5	—	—	—	226
\$10,000 to \$19,999 -----	1 201	207	377	346	189	67	15	—	—	—	252
\$20,000 to \$29,999 -----	1 497	243	365	463	220	113	79	7	7	—	265
\$30,000 to \$39,999 -----	931	93	231	215	145	161	81	5	—	—	283
\$40,000 to \$49,999 -----	606	—	82	133	120	98	96	56	13	8	337
\$50,000 to \$59,999 -----	328	12	22	50	50	54	63	26	43	8	378
\$60,000 to \$79,999 -----	297	5	—	31	48	47	85	48	24	9	419
\$80,000 to \$99,999 -----	33	—	—	—	—	—	16	6	6	5	508
\$100,000 to \$149,999 -----	32	—	—	—	—	7	6	10	—	9	530
\$150,000 or more -----	5	—	—	—	—	—	—	—	5	—	675
Median -----	\$26 500	\$21 000	\$22 300	\$24 000	\$27 900	\$36 000	\$43 900	\$53 700	\$57 700	\$64 400	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	1 764	432	522	429	217	82	40	16	21	5	243
15 to 19 percent -----	1 438	78	305	460	280	154	115	42	4	—	287
20 to 24 percent -----	790	57	145	163	122	156	110	31	6	—	312
25 to 29 percent -----	351	26	70	68	38	31	67	27	14	10	315
30 to 34 percent -----	263	12	64	41	50	36	35	—	21	4	314
35 percent or more -----	591	35	86	134	87	76	79	42	32	20	323
Not computed -----	12	—	—	—	—	—	—	—	—	—	375
Median -----	17.9	12.7	16.2	17.4	18.2	21.0	23.1	23.4	31.0	35.3	...
SELECTED CHARACTERISTICS											
Heating equipment -----	5 202	640	1 192	1 288	794	547	446	158	98	39	280
Steam or hot water system -----	1 670	117	335	485	260	165	175	77	47	9	289
Central warm-air furnace or electric heat pump -----	3 295	518	819	752	520	354	211	68	36	17	271
Other built-in electric units -----	99	—	11	—	—	18	39	8	15	8	443
Floor, wall, or pipeless furnace -----	21	—	6	—	8	—	7	—	—	—	328
Other means -----	117	5	21	51	6	10	14	5	—	5	282
Air conditioning -----	1 391	69	292	288	286	115	180	80	58	23	308
Central system -----	246	4	6	21	60	12	72	32	29	10	430
1 or more individual room units -----	1 145	65	286	267	226	103	108	48	29	13	291
House heating fuel -----	5 202	640	1 192	1 288	794	547	446	158	98	39	280
Utility gas -----	4 895	629	1 138	1 208	769	514	392	140	79	26	278
Bottled, tank, or LP gas -----	—	—	—	—	—	—	—	—	—	—	—
Electricity -----	120	—	11	6	6	18	39	13	19	8	440
Fuel oil, kerosene, etc. -----	69	—	10	34	4	6	15	—	—	—	286
Other -----	118	11	33	40	15	9	—	5	—	5	269

Table B—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.)

Altoona city

Specified owner-occupied housing units -----

PERSONS IN UNIT

1 person -----	2 004	5	67	369	775	418	256	90	24	118
2 persons -----	3 067	—	62	428	1 008	764	604	134	67	126
3 persons -----	1 330	—	17	120	340	378	350	113	12	137
4 persons -----	814	—	7	45	238	229	197	75	23	138
5 persons -----	404	—	—	14	114	101	97	59	19	143
6 persons -----	98	—	—	—	30	28	15	4	21	142
7 persons -----	74	—	—	—	14	33	22	5	—	142
8 or more persons -----	6	—	—	—	—	—	6	—	—	175
Median -----	2.12	1.00	1.65	1.78	1.98	2.23	2.36	2.64	2.38	...

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families -----	4 647	—	71	452	1 347	1 284	1 070	310	113	134
15 to 24 years -----	6	—	—	—	—	—	—	—	6	250+
25 to 34 years -----	154	—	—	25	50	31	17	—	—	127
35 to 44 years -----	408	—	7	37	127	117	81	16	23	132
45 to 64 years -----	2 447	—	12	170	667	687	640	198	73	139
65 years and over -----	1 632	—	52	220	503	449	318	79	11	127
Male householder, no wife present -----	589	5	21	105	192	119	84	40	23	121
15 to 24 years -----	6	—	—	—	—	6	—	—	—	138
25 to 34 years -----	12	—	—	—	7	—	5	—	—	121
35 to 44 years -----	29	—	—	—	12	11	—	6	—	131
45 to 64 years -----	166	—	6	34	37	31	40	5	13	130
65 years and over -----	376	5	15	71	136	71	39	29	10	118
Female householder, no husband present -----	2 561	—	61	419	980	548	393	130	30	120
15 to 24 years -----	17	—	—	—	—	11	—	—	6	144
25 to 34 years -----	42	—	—	7	10	—	25	—	—	158
35 to 44 years -----	67	—	—	11	20	23	8	5	—	128
45 to 64 years -----	836	—	—	120	329	187	124	63	13	123
65 years and over -----	1 599	—	61	281	621	327	236	62	11	118
Median age -----	63.6	67.5	71.4	67.5	65.0	62.6	60.6	58.5	55.8	...

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980 -----	104	—	—	17	17	31	33	—	6	140
1975 to 1978 -----	401	—	—	18	106	160	54	46	17	137
1970 to 1974 -----	656	—	19	62	212	144	148	44	27	131
1960 to 1969 -----	1 642	5	5	156	499	421	342	162	52	134
1959 or earlier -----	4 994	—	129	723	1 685	1 195	970	228	64	124

ROOMS

1 to 3 rooms -----	95	5	—	19	19	12	6	21	13	134
4 rooms -----	496	—	11	66	212	123	53	31	—	120
5 rooms -----	1 372	—	54	191	448	280	350	31	18	125
6 rooms -----	3 465	—	73	473	1 190	965	581	143	40	125
7 rooms -----	1 365	—	11	160	399	350	297	96	52	133
8 or more rooms -----	1 004	—	4	67	251	221	260	158	43	145
Median -----	6.1	3.0	5.7	5.9	6.0	6.1	6.1	6.6	6.7	...

YEAR STRUCTURE BUILT

1975 to March 1980 -----	80	—	—	5	13	20	11	14	17	159
1970 to 1974 -----	62	—	—	6	7	14	29	—	6	157
1960 to 1969 -----	435	5	—	4	64	80	151	102	29	171
1950 to 1959 -----	613	—	17	12	96	222	175	69	22	145
1940 to 1949 -----	350	—	—	18	120	76	108	12	16	137
1939 or earlier -----	6 257	—	136	931	2 219	1 539	1 073	283	76	123

VALUE

Less than \$10,000 -----	887	5	26	231	278	175	128	31	13	116
\$10,000 to \$19,999 -----	2 482	—	87	465	863	582	362	80	43	120
\$20,000 to \$29,999 -----	2 068	—	29	189	847	530	384	71	18	124
\$30,000 to \$39,999 -----	1 113	—	6	70	331	404	222	61	19	134
\$40,000 to \$49,999 -----	634	—	5	14	144	174	200	75	22	147
\$50,000 to \$59,999 -----	307	—	—	7	35	47	148	54	16	172
\$60,000 to \$79,999 -----	230	—	—	—	21	31	88	78	12	186
\$80,000 to \$99,999 -----	42	—	—	—	—	8	4	17	13	226
\$100,000 to \$149,999 -----	29	—	—	—	—	—	11	13	5	213
\$150,000 or more -----	5	—	—	—	—	—	—	—	5	250+
Median -----	\$21 800	\$10 000	\$14 500	\$15 900	\$21 000	\$23 600	\$26 400	\$39 700	\$33 500	...

SELECTED MONTHLY OWNER COSTS AS
PERCENTAGE OF HOUSEHOLD INCOME IN 1979

Less than 10 percent -----	3 197	5	86	381	1 062	859	634	150	20	127
10 to 14 percent -----	1 584	—	31	187	469	463	315	76	43	131
15 to 19 percent -----	1 031	—	18	174	342	189	189	86	33	124
20 to 24 percent -----	512	—	7	42	190	122	138	39	10	130
25 to 29 percent -----	477	—	—	56	172	86	89	31	7	127
30 to 34 percent -----	186	—	—	24	55	46	43	13	5	133
35 percent or more -----	734	—	11	93	199	174	133	76	48	134
Not computed -----	76	—	—	19	30	12	6	9	—	116
Median -----	12.1	10	10	12.6	11.9	11.2	12.2	15.6	18.0	...

SELECTED CHARACTERISTICS

Heating equipment -----	7 797	5	153	976	2 519	1 951	1 547	480	166	128
Steam or hot water system -----	2 336	—	26	191	686	611	547	193	82	136
Central warm-air furnace or electric heat pump -----	5 200	5	116	749	1 765	1 283	952	252	78	125
Other built-in electric units -----	45	—	—	—	7	6	13	19	—	187
Floor, wall, or pipeless furnace -----	115	—	11	31	26	26	12	9	—	115
Other means -----	101	—	—	5	35	25	23	7	6	135
Air conditioning -----	1 738	—	12	141	515	446	425	128	71	136
Central system -----	326	—	—	18	13	65	123	76	31	177
1 or more individual room units -----	1 412	—	12	123	502	381	302	52	40	130
House heating fuel -----	7 797	5	153	976	2 519	1 951	1 547	480	166	128
Utility gas -----	7 491	5	136	904	2 430	1 908	1 508	447	153	129
Bottled, tank, or LP gas -----	15	—	—	—	6	—	9	—	—	158
Electricity -----	51	—	—	—	7	6	19	19	—	183
Fuel oil, kerosene, etc. -----	58	—	7	—	14	6	4	14	13	175
Other -----	182	—	10	72	62	31	7	—	—	104

Table B-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Altoona city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
Occupied housing units	14 403	362	247	966	1 900	10 928	6 753	276	830	393	1 194	4 060
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	9 774	308	225	793	1 372	7 076	2 276	61	200	143	482	1 390
15 to 24 years	228	14	—	7	73	134	418	—	11	40	163	204
25 to 34 years	1 795	135	53	62	309	1 236	786	22	25	16	209	514
35 to 44 years	1 663	36	103	160	205	1 159	299	12	11	46	57	173
45 to 64 years	4 113	104	62	446	566	2 935	407	5	58	22	41	281
65 years and over	1 975	19	7	118	219	1 612	366	22	95	19	12	218
Male householder, no wife present	1 040	26	8	71	138	797	1 331	53	116	65	240	857
15 to 24 years	47	—	—	—	12	35	264	—	7	19	90	148
25 to 34 years	152	6	—	12	41	93	277	15	6	7	75	174
35 to 44 years	116	6	—	11	24	75	170	—	14	4	22	130
45 to 64 years	232	8	—	18	22	184	335	—	28	15	41	251
65 years and over	493	6	8	30	39	410	285	38	61	20	12	154
Female householder, no husband present	3 589	28	14	102	390	3 055	3 146	162	514	185	472	1 813
15 to 24 years	23	6	—	—	17	—	310	6	6	14	135	149
25 to 34 years	183	5	—	—	20	158	592	29	31	55	151	326
35 to 44 years	215	6	7	—	40	162	301	6	25	4	71	195
45 to 64 years	1 213	11	—	44	140	1 018	711	14	86	39	51	521
65 years and over	1 955	7	7	58	173	1 717	1 232	107	366	73	64	622
Median age	55.4	38.1	41.7	54.0	52.0	57.1	44.3	67.1	69.7	42.2	28.7	45.4
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	764	90	18	23	206	427	2 368	146	140	123	610	1 349
1975 to 1978	2 261	272	50	154	412	1 373	2 102	130	341	87	376	1 168
1970 to 1974	2 022	—	179	156	269	1 418	1 272	—	349	122	116	685
1960 to 1969	3 107	—	—	633	287	2 187	613	—	—	61	80	472
1959 or earlier	6 249	—	—	—	726	5 523	398	—	—	—	12	386
ROOMS												
1 room	12	—	—	—	—	12	317	—	172	24	19	102
2 rooms	38	—	—	6	6	26	314	9	129	24	37	115
3 rooms	145	—	—	11	27	107	1 296	151	219	45	151	730
4 rooms	913	42	24	135	184	528	1 553	65	122	127	295	944
5 rooms	2 091	59	37	183	370	1 442	1 440	23	134	75	332	876
6 rooms	5 968	104	90	299	679	4 796	1 198	21	45	76	218	838
7 or more rooms	5 236	157	96	332	634	4 017	635	7	9	22	142	455
Median	6.2	6.3	6.2	6.0	6.0	6.2	4.4	3.4	3.0	4.3	4.8	4.7
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	14 363	362	247	966	1 900	10 888	6 553	276	830	393	1 169	3 885
0.50 or less	10 116	223	147	678	1 279	7 789	4 217	221	495	236	662	2 603
0.51 to 1.00	4 100	131	95	271	621	2 982	2 195	50	330	139	479	1 197
1.01 to 1.50	115	—	5	17	—	93	119	5	—	18	28	68
1.51 or more	32	8	—	—	—	24	22	—	5	—	—	17
Lacking complete plumbing for exclusive use	40	—	—	—	—	40	200	—	—	—	25	175
0.50 or less	33	—	—	—	—	33	81	—	—	—	6	75
0.51 to 1.00	7	—	—	—	—	7	119	—	—	—	19	100
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS IN UNIT												
1 person	2 728	23	15	93	344	2 253	2 820	152	525	150	281	1 712
2 persons	4 650	116	54	379	604	3 497	1 751	79	215	91	355	1 011
3 persons	2 721	91	79	181	368	2 002	944	29	36	36	330	513
4 persons	2 259	56	64	156	365	1 618	628	4	39	47	119	419
5 persons	1 344	44	18	111	142	1 029	345	7	9	44	53	232
6 or more persons	701	32	17	46	77	529	265	5	6	25	56	173
Median	2.46	2.96	3.19	2.56	2.51	2.42	1.82	1.41	1.29	2.01	2.39	1.81
Total persons	40 677	1 269	858	2 927	5 471	30 152	15 179	494	1 249	942	3 054	9 440
UNITS IN STRUCTURE												
1, detached or attached	13 656	344	247	951	1 829	10 285	2 287	84	95	87	465	1 556
2	466	—	—	5	32	429	1 658	13	10	46	354	1 235
3 and 4	124	—	—	—	20	104	1 038	9	44	88	203	694
5 to 9	90	12	—	4	10	64	601	33	36	67	108	357
10 to 49	41	—	—	6	9	26	465	13	173	69	42	168
50 or more	19	6	—	—	—	13	704	124	472	36	22	50
Mobile home or trailer, etc.	7	—	—	—	—	7	—	—	—	—	—	—
SELECTED CHARACTERISTICS												
Heating equipment	14 396	362	247	966	1 900	10 921	6 753	276	830	393	1 194	4 060
Steam or hot water system	4 490	93	73	253	387	3 684	2 700	51	155	145	410	1 939
Central warm-air furnace or electric heat pump	9 347	177	142	646	1 447	6 935	3 494	170	579	202	702	1 841
Other built-in electric units	159	72	15	47	21	4	183	33	77	35	7	31
Floor, wall, or pipeless furnace	147	—	—	—	—	137	104	16	5	—	19	64
Other means	253	20	17	20	35	161	272	6	14	11	56	185
Air conditioning	3 463	111	90	396	649	2 217	1 255	233	385	95	130	412
Central system	620	51	35	249	159	97	457	193	182	45	5	32
1 or more individual room units	2 843	60	55	147	490	2 120	798	40	203	50	125	380
House heating fuel	14 396	362	247	966	1 900	10 921	6 753	276	830	393	1 194	4 060
Utility gas	13 684	260	210	890	1 846	10 478	6 180	205	691	334	1 115	3 835
Bottled, tank, or LP gas	15	—	—	—	—	15	67	—	—	5	12	50
Electricity	190	80	20	59	27	4	297	71	133	43	19	31
Fuel oil, kerosene, etc.	173	8	—	4	5	154	—	—	6	6	35	63
Other	334	14	17	13	22	268	99	—	—	5	13	81
Income in 1979 below poverty level	976	—	7	44	86	839	1 702	50	219	77	297	1 059
Percent below poverty level	6.8	—	2.8	4.6	4.5	7.7	25.2	18.1	26.4	19.6	24.9	26.1
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 450	—	7	49	136	1 258	1 939	114	356	68	250	1 151
\$5,000 to \$9,999	2 385	11	27	48	270	2 029	2 014	83	252	158	353	1 168
\$10,000 to \$12,499	1 317	17	5	52	205	1 038	789	12	80	35	140	522
\$12,500 to \$14,999	1 215	40	5	59	174	935	484	14	32	31	111	296
\$15,000 to \$19,999	2 493	65	34	133	333	1 928	969	26	50	61	252	580
\$20,000 to \$24,999	2 131	100	75	129	248	1 579	300	11	44	16	64	165
\$25,000 to \$34,999	2 377	78	77	326	314	1 582	198	9	7	19	24	139
\$35,000 to \$49,999	762	45	12	103	454	1 225	15	—	—	—	—	—
\$50,000 or more	273	6	—	67	70	125	15	—	—	—	—	—
Median	\$16 736	\$22 400	\$22 831	\$25 319	\$17 875	\$15 532	\$8 322	\$5 968	\$5 873	\$8 883	\$9 892	\$8 686
Mean	\$18 306	\$25 822	\$22 444	\$26 595	\$20 462	\$16 856	\$9 980	\$8 986	\$8 106	\$11 045	\$10 659	\$10 128

Table B—8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

Altoona city

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	14 403	13 656	740	7	6 753	2 287	1 658	1 038	601	465	704	—
Condominium housing units	—	—	—	—	5	—	—	5	—	—	—	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	9 774	9 456	318	—	2 276	1 118	565	230	161	105	97	—
15 to 24 years	228	207	21	—	418	172	131	60	43	7	5	—
25 to 34 years	1 795	1 749	46	—	786	410	212	89	46	24	5	—
35 to 44 years	1 663	1 631	32	—	299	179	76	34	10	—	—	—
45 to 64 years	4 113	3 982	131	—	407	241	84	38	11	20	13	—
65 years and over	1 975	1 887	88	—	366	116	62	9	51	54	74	—
Male householder, no wife present	1 040	937	103	—	1 331	373	297	273	144	117	127	—
15 to 24 years	47	37	10	—	264	38	101	47	35	35	8	—
25 to 34 years	152	120	32	—	277	110	64	63	28	12	—	—
35 to 44 years	116	116	—	—	170	39	18	54	33	18	13	—
45 to 64 years	232	212	20	—	335	110	79	77	24	32	98	—
65 years and over	493	452	41	—	285	76	35	32	24	20	98	—
Female householder, no husband present	3 589	3 263	319	7	3 146	796	796	535	296	243	480	—
15 to 24 years	23	23	—	—	310	73	90	114	27	6	—	—
25 to 34 years	183	171	12	—	592	195	200	94	47	46	10	—
35 to 44 years	215	193	22	—	301	121	76	64	18	16	6	—
45 to 64 years	1 213	1 103	110	—	711	202	149	133	90	84	53	—
65 years and over	1 955	1 773	175	7	1 232	205	281	130	114	91	411	—
Median age	55.4	55.1	62.0	72.5	44.3	38.4	36.7	37.7	51.1	58.0	74.6	—
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	764	719	45	—	2 368	779	641	449	204	141	154	—
1975 to 1978	2 261	2 149	112	—	2 102	705	515	249	179	164	290	—
1970 to 1974	2 022	1 929	93	—	1 272	374	236	208	109	91	254	—
1960 to 1969	3 107	2 987	120	—	613	225	172	87	84	39	6	—
1959 or earlier	6 249	5 872	370	7	398	204	94	45	25	30	—	—
ROOMS												
1 room	12	12	—	—	317	—	6	26	36	62	187	—
2 rooms	38	32	6	—	314	12	26	86	19	43	128	—
3 rooms	145	78	67	—	1 296	128	410	257	117	111	273	—
4 rooms	913	706	200	7	1 553	244	484	370	230	147	78	—
5 rooms	2 091	1 970	121	—	1 440	503	485	211	132	86	23	—
6 rooms	5 968	5 791	177	—	1 198	891	163	75	54	7	8	—
7 or more rooms	5 236	5 067	169	—	635	509	84	13	13	9	7	—
Median	6.2	6.2	5.3	4.0	4.4	5.8	4.3	3.9	4.1	3.6	2.6	—
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	14 363	13 644	712	7	6 553	2 287	1 609	977	547	429	704	—
0.50 or less	10 116	9 520	589	7	4 217	1 371	1 076	673	353	320	424	—
0.51 to 1.00	4 100	3 977	123	—	2 195	817	508	304	182	109	275	—
1.01 to 1.50	115	115	—	—	119	82	25	—	12	—	—	—
1.51 or more	32	32	—	—	22	17	—	—	—	—	5	—
Lacking complete plumbing for exclusive use	40	12	28	—	200	—	49	61	54	36	—	—
0.50 or less	33	12	21	—	81	—	13	35	26	7	—	—
0.51 to 1.00	7	—	7	—	119	—	36	26	28	29	—	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	12	12	—	—	379	22	14	33	36	67	207	—
1	469	227	242	—	2 237	182	745	523	209	181	397	—
2	2 904	2 727	170	7	2 261	668	674	374	297	175	73	—
3	8 264	8 039	225	—	1 452	1 082	177	89	44	33	27	—
4	2 407	2 355	52	—	354	295	25	19	15	—	—	—
5 or more	347	296	51	—	70	38	23	—	—	9	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 450	1 304	139	7	1 939	403	458	367	198	164	349	—
\$5,000 to \$9,999	2 385	2 227	158	—	2 014	622	521	292	188	124	267	—
\$10,000 to \$12,499	1 317	1 256	61	—	789	313	207	138	55	35	41	—
\$12,500 to \$14,999	1 215	1 117	98	—	484	173	151	56	59	34	11	—
\$15,000 to \$19,999	2 493	2 382	111	—	969	439	220	143	88	54	25	—
\$20,000 to \$24,999	2 131	2 084	47	—	300	178	49	27	13	27	6	—
\$25,000 to \$34,999	2 377	2 287	90	—	198	121	37	15	—	20	5	—
\$35,000 to \$49,999	762	736	26	—	45	29	9	—	—	7	—	—
\$50,000 or more	273	263	10	—	15	9	6	—	—	—	—	—
Median	\$16 736	\$16 995	\$12 806	\$3 750	\$8 322	\$10 946	\$8 248	\$7 222	\$7 464	\$7 648	\$5 040	—
Mean	\$18 306	\$18 520	\$14 508	\$2 745	\$9 980	\$12 480	\$9 576	\$8 601	\$8 534	\$9 974	\$6 079	—
SELECTED CHARACTERISTICS												
Heating equipment	14 396	13 649	740	7	6 753	2 287	1 658	1 038	601	465	704	—
Steam or hot water system	4 490	4 215	275	—	2 700	620	654	386	174	174	208	—
Central warm-air furnace or electric heat pump	9 347	8 927	413	7	3 494	1 415	905	327	164	223	460	—
Other built-in electric units	159	153	6	—	183	51	19	13	25	51	24	—
Floor, wall, or pipeless furnace	147	136	11	—	104	73	13	6	—	—	7	—
Other means	253	218	35	—	272	128	67	33	20	17	—	—
Air conditioning	3 463	3 305	158	—	1 255	402	114	98	60	174	407	—
Central system	620	602	18	—	457	119	8	16	16	38	260	—
Vehicles available	12 829	12 243	586	—	4 329	1 775	1 071	602	327	316	238	—
1	6 068	5 712	356	—	3 191	1 175	772	471	292	256	113	—
2 or more	6 761	6 531	230	—	1 138	600	299	131	35	60	125	—
House heating fuel	14 396	13 649	740	7	6 753	2 287	1 658	1 038	601	465	704	—
Utility gas	13 684	12 989	688	7	6 180	2 144	1 573	960	527	396	580	—
Bottled, tank, or LP gas	15	15	—	—	67	22	11	21	8	5	—	—
Electricity	190	184	6	—	297	51	24	28	25	51	118	—
Fuel oil, kerosene, etc.	173	141	32	—	110	17	27	12	41	7	6	—
Other	334	320	14	—	99	53	23	17	—	—	—	—
Water heating fuel	14 397	13 650	740	7	6 736	2 287	1 658	1 035	601	451	704	—
Utility gas	13 859	13 143	709	7	6 216	2 163	1 583	949	546	367	608	—
Bottled, tank, or LP gas	64	59	5	—	93	27	28	14	11	13	—	—
Electricity	452	431	21	—	380	91	47	59	36	65	82	—
Fuel oil, kerosene, etc.	13	8	5	—	28	6	—	—	8	—	14	—
Other	9	9	—	—	19	—	—	13	—	6	—	—
Family householder	11 565	11 129	436	—	3 555	1 702	854	405	281	159	154	—
With own children under 18 years	5 014	4 873	141	—	2 104	1 164	500	240	145	33	22	—
With own children under 6 years	1 683	1 633	50	—	1 118	630	267	111	88	13	9	—
Female householder, no husband present	1 460	1 357	103	—	1 081	486	247	156	94	54	44	—
With own children under 18 years	404	389	15	—	744	355	193	106	59	21	10	—
With own children under 6 years	119	112	7	—	225	111	62	20	19	9	4	—
Nonfamily householder	2 838	2 527	304	7	3 198	585	804	633	320	306	550	—
Income in 1979 below poverty level	976	882	87	7	1 702	494	434	322	158	108	186	—
Percent below poverty level	6.8	6.5	11.8	100.0	25.2	21.6	26.2	31.0	26.3	23.2	26.4	—

Table B—9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Altoona city	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	14 403	2 728	4 650	2 721	2 259	1 344	417	199	85	2.46	40 677
Nonrelatives present	329	—	97	82	48	52	15	13	22	3.32	1 234
ROOMS											
1 to 3 rooms	195	123	49	16	—	7	—	—	—	1.29	308
4 rooms	913	353	360	133	61	6	—	—	—	1.79	1 812
5 rooms	2 091	549	906	340	192	83	5	8	8	2.05	4 738
6 rooms	5 968	1 049	2 093	1 166	994	431	158	59	18	2.42	16 155
7 rooms	2 901	402	714	615	542	436	125	38	29	3.04	9 406
8 or more rooms	2 335	252	528	451	470	381	129	94	30	3.36	8 258
Median	6.2	5.8	6.0	6.2	6.4	6.8	6.9	7.4	7.1	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	14 363	2 705	4 644	2 717	2 252	1 344	417	199	85	2.46	40 586
1.00 or less	14 216	2 705	4 644	2 710	2 252	1 331	412	132	30	2.45	39 649
1.01 to 1.50	115	—	—	7	—	6	5	67	30	7.09	713
1.51 or more	32	—	—	—	—	7	—	—	25	8.5+	224
Lacking complete plumbing for exclusive use	40	23	6	4	7	—	—	—	—	1.37	91
1.00 or less	40	23	6	4	7	—	—	—	—	1.37	91
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	13 656	2 442	4 405	2 613	2 204	1 330	384	193	85	2.50	38 794
2 or more	740	279	245	108	55	14	33	6	—	1.87	1 876
Mobile home or trailer, etc.	7	7	—	—	—	—	—	—	—	1.00	7
VALUE											
Specified owner-occupied housing units	13 006	2 310	4 168	2 485	2 128	1 299	349	193	74	2.51	36 898
Less than \$10,000	1 166	320	401	232	101	62	4	32	14	2.16	2 443
\$10,000 to \$19,999	3 683	734	1 143	673	574	342	142	64	11	2.47	10 694
\$20,000 to \$29,999	3 565	594	1 123	644	691	395	83	30	5	2.60	9 787
\$30,000 to \$39,999	2 044	361	656	461	269	201	47	23	26	2.51	5 775
\$40,000 to \$49,999	1 240	197	379	226	272	109	30	16	11	2.69	3 931
\$50,000 to \$59,999	635	36	258	128	95	73	22	23	—	2.68	2 060
\$60,000 to \$79,999	527	56	150	93	108	92	16	5	7	3.12	1 750
\$80,000 to \$99,999	75	4	26	24	6	15	—	—	—	2.81	215
\$100,000 to \$149,999	61	8	27	4	12	5	—	—	—	2.33	200
\$150,000 or more	10	—	5	—	—	5	—	—	—	3.50	43
Median	\$23 800	\$21 200	\$24 000	\$24 000	\$25 200	\$24 500	\$23 300	\$20 100	\$31 800	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	14 403	2 728	4 650	2 721	2 259	1 344	417	199	85	2.46	40 677
Median income	\$16 736	\$6 532	\$14 659	\$20 640	\$21 440	\$21 739	\$23 229	\$23 631	\$16 417	...	...
Median selected monthly owner costs as percentage of household income	14.9	24.0	13.8	12.2	14.0	14.8	13.7	11.3	19.8	...	...
With a mortgage	17.9	24.9	18.8	17.2	17.7	17.4	14.8	12.8	20.6	...	...
Not mortgaged	12.1	23.8	11.9	10—	10—	10—	10.2	10—	17.5	...	...
Income in 1979 below poverty level	976	390	235	113	99	103	14	6	16	1.92	...
Median income	\$3 180	\$3 073	\$2 784	\$2 821	\$3 107	\$4 826	\$5 625	\$8 750	\$11 818	...	...
Median selected monthly owner costs as percentage of household income	50+	49.1	49.2	50+	50+	44.2	50+	32.5	22.0	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	32.5	27.0	...	...
Not mortgaged	47.4	48.4	44.3	50+	41.0	29.3	50+	—	17.5	...	...
Renter-occupied housing units	6 753	2 820	1 751	944	628	345	154	49	62	1.82	15 179
Nonrelatives present	572	—	293	112	75	53	25	6	8	2.48	1 750
ROOMS											
1 room	317	312	5	—	—	—	—	—	—	1.01	348
2 rooms	314	253	56	5	—	—	—	—	—	1.12	367
3 rooms	1 296	867	350	60	7	—	7	5	—	1.25	1 869
4 rooms	1 553	752	532	167	77	20	5	—	—	1.55	2 741
5 rooms	1 440	412	462	322	156	48	34	6	—	2.17	3 367
6 rooms	1 198	162	259	228	243	193	86	9	18	3.28	4 189
7 or more rooms	635	62	87	162	145	84	22	29	44	3.54	2 298
Median	4.4	3.5	4.4	5.2	5.8	6.0	5.9	6.7	7.1	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	6 553	2 680	1 706	934	628	340	154	49	62	1.85	14 880
1.00 or less	6 412	2 680	1 701	929	621	320	108	29	24	1.81	14 007
1.01 to 1.50	119	—	—	5	7	20	39	15	33	6.21	718
1.51 or more	22	—	5	—	—	7	5	5	5	6.36	155
Lacking complete plumbing for exclusive use	209	140	45	10	—	5	—	—	—	1.21	299
1.00 or less	200	140	45	10	—	5	—	—	—	1.21	299
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	2 287	470	537	491	346	225	113	49	56	2.78	7 002
2	1 658	706	496	210	163	51	26	—	6	1.75	3 478
3 and 4	1 038	549	251	116	86	30	6	—	—	1.45	1 883
5 to 9	601	271	175	89	25	32	9	—	—	1.67	1 196
10 to 49	465	282	148	27	8	—	—	—	—	1.32	722
50 or more	704	542	144	11	—	7	—	—	—	1.15	898
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT											
Specified renter-occupied housing units	6 626	2 795	1 726	917	596	345	141	44	62	1.80	14 726
Less than \$100	784	611	100	19	17	32	5	—	—	1.14	1 136
\$100 to \$149	1 131	721	209	85	66	28	11	—	—	1.28	2 027
\$150 to \$199	1 807	744	607	264	119	28	42	3	—	1.76	3 587
\$200 to \$249	1 205	371	368	233	134	80	10	9	—	2.13	2 924
\$250 to \$299	718	128	225	140	107	68	17	12	21	2.54	2 035
\$300 to \$349	414	75	68	76	87	50	38	9	11	3.34	1 466
\$350 to \$399	153	13	28	43	22	17	13	—	17	3.33	521
\$400 to \$499	81	8	35	—	18	13	—	—	7	2.43	285
\$500 or more	22	12	5	—	—	—	5	—	—	1.42	57
No cash rent	311	112	81	57	26	29	—	—	6	2.04	688
Median	\$185	\$151	\$192	\$213	\$230	\$245	\$254	\$245	\$332	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	6 753	2 820	1 751	944	628	345	154	49	62	1.82	15 179
Median income	\$8 322	\$5 399	\$10 419	\$10 784	\$12 823	\$9 294	\$11 486	\$16 250	\$15 455	...	...
Median gross rent as percentage of household income	25.9	29.2	22.8	25.5	22.2	28.3	25.2	16.5	24.4	...	...
Income in 1979 below poverty level	1 702	774	293	220	162	161	55	10	27	1.76	...
Median income	\$3 546	\$3 049	\$3 354	\$3 516	\$3 936	\$6 166	\$6 853	\$7 500	\$7 750	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	43.6	32.8	17.5	39.8	...	...

Table B—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

	Married-couple families					Male householder, no wife present					Female householder, no husband present					Median age
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Altoona city																
Owner-occupied housing units																
PERSONS IN UNIT																
1 person	228	1 795	1 663	4 113	1 975	47	152	116	232	493	23	183	215	1 213	1 955	55.4
2 persons	113	302	167	1 490	1 520	32	102	49	141	345	—	42	39	652	1 326	68.8
3 persons	69	503	208	1 161	344	15	22	36	54	80	11	45	60	265	470	63.3
4 persons	2 721	1 61	1 61	1 61	1 61	—	—	—	—	—	12	25	44	152	108	51.1
5 persons	2 259	584	622	731	81	—	7	9	11	16	—	38	47	51.1	71	41.5
6 or more persons	1 344	293	433	444	27	—	—	—	—	—	—	33	14	59	18	42.4
Median	701	113	233	287	3	—	—	—	—	—	—	—	—	—	—	...
Total persons	2 51	3 66	4 23	2 99	2 15	1 23	1 25	1 75	1 32	1 21	2 54	2 62	2 69	1 43	1 24	...
40 677	620	6 681	7 065	13 619	4 457	63	258	247	386	860	60	516	606	2 370	2 869	...
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use	228	1 795	1 663	4 113	1 971	47	152	116	232	493	23	178	215	1 213	1 937	55.4
1.01 or more persons per room	147	8	60	65	4	—	—	—	—	—	—	—	—	—	18	66.0
Lacking complete plumbing for exclusive use	40	—	—	13	—	—	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified owner-occupied housing units																
With a mortgage	13 006	1 697	1 574	3 762	1 765	37	110	116	196	407	23	163	193	1 059	1 697	54.8
Less than 15 percent	5 209	1 543	1 166	1 315	1 133	31	98	87	30	31	6	121	126	223	98	39.4
15 to 19 percent	1 764	470	470	711	14	—	—	—	—	—	—	19	12	69	13	44.0
20 to 24 percent	1 438	375	393	230	18	5	18	34	10	—	—	20	17	58	31	36.5
25 to 29 percent	1 910	511	210	118	32	14	—	—	—	—	—	22	18	28	20	37.0
30 to 34 percent	351	22	154	39	45	6	30	6	3	5	—	—	—	6	—	33.2
35 percent or more	263	93	30	52	—	—	18	—	5	—	—	17	6	25	—	34.8
Median	591	131	24	159	57	6	15	11	7	13	6	43	45	37	22	45.0
Not computed	12	—	—	—	—	—	6	—	—	—	—	—	—	—	6	47.5
Not mortgaged	17.9	18.9	16.4	14.5	26.0	23.8	27.8	20.6	22.0	32.5	50.4	24.9	27.9	18.7	20.5	...
Less than 10 percent	7 797	1 54	408	2 447	1 632	6	12	29	166	376	17	42	67	836	1 599	63.6
10 to 14 percent	3 197	95	249	1 611	572	6	12	17	97	69	—	—	19	199	251	58.1
15 to 19 percent	1 584	36	105	469	414	—	—	—	26	87	—	13	—	181	247	63.9
20 to 24 percent	1 031	9	23	150	370	—	—	—	19	77	—	—	—	176	169	68.0
25 to 29 percent	512	8	10	67	95	—	—	—	7	42	—	4	—	68	199	69.4
30 to 34 percent	477	6	9	45	96	—	—	—	—	50	—	8	—	40	216	72.9
35 percent or more	186	—	—	19	—	—	—	—	—	12	—	—	—	21	127	70.8
Median	734	—	6	86	63	—	—	—	17	39	—	17	10	131	365	68.9
Not computed	76	—	—	—	15	—	—	—	—	—	—	—	—	20	25	70.8
Total	12.1	10.0	10.0	10.0	12.9	10.0	10.0	10.0	10.0	17.1	17.5	27.5	16.7	15.8	23.0	...
6 753	418	786	299	407	366	264	277	170	335	285	310	592	301	711	1 232	44.3
Renter-occupied housing units																
PERSONS IN UNIT																
1 person	2 820	1 187	20	204	326	167	161	140	204	242	117	203	81	424	1 081	63.2
2 persons	1 751	178	49	87	33	44	44	15	9	11	117	162	71	161	132	49.5
3 persons	944	246	93	44	—	39	22	—	—	—	46	113	49	81	10	49.0
4 persons	628	130	71	9	—	7	14	—	10	4	10	56	60	6	5	32.1
5 persons	345	45	66	63	7	—	—	—	3	—	16	31	21	20	—	32.3
6 or more persons	285	3.61	4.37	2.50	2.06	1.29	—	—	—	1.09	6	27	19	19	4	39.4
Median	1 82	2 858	1 261	1 385	742	429	490	224	540	360	1.83	2.07	2.48	1.34	1.07	...
Total persons	15 179	2 270	294	402	352	245	277	144	300	265	298	582	295	695	1 200	43.9
PLUMBING FACILITIES BY PERSONS PER ROOM																
Complete plumbing for exclusive use	6 553	736	294	402	352	245	277	144	300	265	298	582	295	695	1 200	43.9
1.01 or more persons per room	141	27	28	28	14	7	—	6	35	20	12	10	6	16	32	36.0
Lacking complete plumbing for exclusive use	200	—	5	5	—	19	—	—	—	—	—	—	—	—	—	55.8
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																
Specified renter-occupied housing units																
Less than 15 percent	6 626	768	292	389	353	264	277	170	317	274	310	581	289	705	1 232	44.3
15 to 19 percent	935	72	82	110	28	23	45	70	63	11	—	76	5	109	52	39.1
20 to 24 percent	1 064	158	51	80	68	20	51	35	66	29	36	124	44	98	101	36.7
25 to 29 percent	979	57	50	50	50	38	59	37	53	71	20	92	33	83	202	49.3
30 to 34 percent	392	18	31	26	72	32	43	10	17	14	20	44	25	81	207	54.8
35 to 49 percent	1 134	122	22	35	35	36	16	12	66	58	46	76	19	27	135	57.2
50 percent or more	389	44	83	32	48	84	40	13	17	59	118	140	96	151	270	55.5
Median	25.9	22.2	21.3	18.7	25.6	34.2	23.6	15.5	22.0	31.4	38.6	24.8	37.2	26.8	75	51.6
Not computed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	...

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Altoona city

	Total	Male householder						Female householder					
		Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Owner-occupied housing units	2 728	669	32	102	49	141	345	2 059	-	42	39	652	1 326
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 705	669	32	102	49	141	345	2 036	-	37	39	652	1 308
Lacking complete plumbing for exclusive use	23	-	-	-	-	-	-	23	-	5	-	-	18
UNITS IN STRUCTURE													
1, detached or attached	2 442	595	32	74	49	126	314	1 847	-	37	29	594	1 187
2 or more	279	74	-	28	-	15	31	205	-	5	10	58	132
Mobile home or trailer, etc.	7	-	-	-	-	-	-	7	-	-	-	-	7
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	935	132	-	-	-	17	115	803	-	6	-	161	636
\$5,000 to \$9,999	1 075	215	-	15	6	39	155	860	-	11	16	298	535
\$10,000 to \$12,499	261	85	8	22	-	26	29	176	-	12	17	79	68
\$12,500 to \$14,999	130	37	6	20	6	-	5	93	-	-	-	62	31
\$15,000 to \$19,999	160	84	12	33	11	17	11	76	-	13	-	30	33
\$20,000 to \$24,999	82	72	6	12	19	30	5	10	-	-	-	5	5
\$25,000 to \$34,999	51	33	-	-	7	5	21	18	-	-	-	7	11
\$35,000 to \$49,999	29	11	-	-	-	7	4	18	-	-	6	5	7
\$50,000 or more	5	-	-	-	-	-	-	5	-	-	-	5	-
Median	\$6 532	\$9 740	\$15 833	\$14 250	\$20 197	\$11 394	\$6 867	\$5 936	-	\$10 833	\$10 515	\$7 723	\$5 153
Mean	\$8 465	\$12 136	\$15 799	\$14 538	\$19 924	\$14 561	\$8 989	\$7 272	-	\$11 334	\$14 139	\$8 827	\$6 176
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	2 310	532	32	64	49	110	277	1 778	-	33	29	579	1 137
With a mortgage	306	136	26	64	24	15	7	170	-	33	19	75	43
Less than \$200	57	12	-	6	6	-	-	45	-	14	6	18	7
\$200 to \$249	72	21	8	8	-	5	-	51	-	8	7	25	11
\$250 to \$299	56	32	-	21	6	5	-	24	-	6	-	12	6
\$300 to \$349	68	42	-	18	12	5	7	26	-	-	-	13	13
\$350 to \$399	18	12	12	-	-	-	-	6	-	-	-	-	6
\$400 to \$499	35	17	6	11	-	-	-	18	-	5	6	7	-
\$500 to \$599	-	-	-	-	-	-	-	-	-	-	-	-	-
\$600 to \$749	-	-	-	-	-	-	-	-	-	-	-	-	-
\$750 or more	-	-	-	-	-	-	-	-	-	-	-	-	-
Median	\$271	\$304	\$371	\$293	\$300	\$275	\$325	\$239	-	\$216	\$225	\$239	\$279
Not mortgaged	2 004	396	6	-	25	95	270	1 608	-	10	504	1 094	-
Less than \$50	5	5	-	-	-	5	-	-	-	-	-	-	-
\$50 to \$74	67	21	-	-	-	6	15	46	-	-	-	-	46
\$75 to \$99	369	79	-	-	-	15	64	290	-	-	5	90	195
\$100 to \$124	775	110	-	-	12	13	85	665	-	-	-	229	436
\$125 to \$149	418	86	6	-	7	24	49	332	-	-	5	92	235
\$150 to \$199	256	55	-	-	-	24	31	201	-	-	-	54	147
\$200 to \$249	90	27	-	-	6	-	21	63	-	-	-	39	24
\$250 or more	24	13	-	-	-	13	-	11	-	-	-	-	11
Median	\$118	\$121	\$138	-	\$127	\$139	\$115	\$118	-	-	\$112	\$118	\$118
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	24.0	19.7	23.6	28.2	16.1	14.4	19.8	25.1	-	30.5	19.5	19.7	27.7
With a mortgage	24.9	26.0	24.6	28.2	17.3	18.8	50.1	24.1	-	30.5	21.3	24.1	33.8
Not mortgaged	23.8	17.6	10	-	10	13.0	19.5	25.3	-	-	17.5	19.0	27.6
Income in 1979 below poverty level	390	30	-	-	-	6	24	360	-	6	-	109	245
Percent below poverty level	14.3	4.5	-	-	-	4.3	7.0	17.5	-	14.3	-	16.7	18.5
Renter-occupied housing units	2 820	914	167	161	140	204	242	1 906	117	203	81	424	1 081
PLUMBING FACILITIES													
Complete plumbing for exclusive use	2 680	828	155	161	114	176	222	1 852	105	203	75	408	1 061
Lacking complete plumbing for exclusive use	140	86	12	-	26	28	20	54	12	-	6	16	20
UNITS IN STRUCTURE													
1, detached or attached	470	184	20	46	18	52	48	286	18	23	11	77	157
2	706	213	67	50	18	52	26	493	39	98	25	71	260
3 and 4	549	225	38	45	45	65	32	324	53	46	29	96	100
5 to 9	271	77	7	8	33	5	24	194	7	12	6	72	97
10 to 49	282	109	35	12	18	24	20	173	-	18	10	69	76
50 or more	542	106	-	-	8	6	92	436	-	6	-	39	391
Mobile home or trailer, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 328	342	78	24	28	81	131	986	40	6	34	203	703
\$5,000 to \$9,999	852	274	70	29	27	49	99	578	64	79	22	112	301
\$10,000 to \$12,499	286	98	7	51	12	28	-	188	13	59	8	52	56
\$12,500 to \$14,999	126	45	5	7	26	7	-	81	-	40	6	20	15
\$15,000 to \$19,999	169	109	7	43	28	24	7	60	-	13	11	30	6
\$20,000 to \$24,999	39	26	-	7	4	15	-	13	-	6	-	7	-
\$25,000 to \$34,999	14	14	-	-	9	-	5	-	-	-	-	-	-
\$35,000 to \$49,999	-	-	-	-	-	-	-	-	-	-	-	-	-
\$50,000 or more	6	-	-	-	6	-	-	-	-	-	-	-	-
Median	\$5 399	\$6 997	\$5 344	\$11 348	\$12 788	\$7 386	\$4 742	\$4 900	\$6 005	\$10 699	\$7 721	\$5 341	\$4 371
Mean	\$6 947	\$8 648	\$5 684	\$11 575	\$14 250	\$8 564	\$5 578	\$6 130	\$5 733	\$10 714	\$7 774	\$6 732	\$4 954
GROSS RENT													
Specified renter-occupied housing units	2 795	895	167	161	140	192	235	1 900	117	203	81	418	1 081
Less than \$100	611	171	15	-	37	48	71	440	-	6	6	49	379
\$100 to \$149	721	234	23	7	36	90	78	487	41	23	8	131	284
\$150 to \$199	744	215	72	71	24	13	35	529	76	77	30	109	237
\$200 to \$249	371	139	33	60	7	14	25	232	-	77	20	64	71
\$250 to \$299	128	54	16	8	24	-	6	74	-	14	7	19	34
\$300 to \$349	75	32	-	8	4	10	10	43	-	-	4	7	32
\$350 to \$399	13	13	-	7	-	6	-	-	-	-	-	-	-
\$400 to \$499	8	8	8	-	-	-	-	-	-	-	-	-	-
\$500 or more	12	-	-	-	-	-	-	12	-	6	6	-	-
No cash rent	112	29	-	-	8	11	10	83	-	-	-	39	44
Median	\$151	\$157	\$181	\$201	\$136	\$129	\$121	\$148	\$179	\$197	\$198	\$153	\$127
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	29.2	24.6	30.7	22.3	15.3	22.6	36.3	30.5	32.8	21.9	29.5	35.9	32.4
Income in 1979 below poverty level	774	237	71	16	21	57	72	537	33	-	34	162	308
Percent below poverty level	27.4	25.9	42.5	9.9	15.0	27.9	29.8	28.2	28.2	-	42.0	38.2	28.5

Table B—12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Altoona city					Altoona city				
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units -----					Vacant for rent housing units -----				
	215	22	51	142		441	104	155	182
ROOMS					ROOMS				
1 to 3 rooms -----	8	—	—	8	1 room -----	9	—	4	5
4 rooms -----	38	6	—	32	2 rooms -----	31	14	12	5
5 rooms -----	22	9	13	—	3 rooms -----	128	21	35	72
6 rooms -----	97	7	20	70	4 rooms -----	114	8	75	31
7 rooms -----	32	—	14	18	5 rooms -----	84	12	23	49
8 or more rooms -----	18	—	4	14	6 rooms -----	69	43	6	20
Median -----	5.9	5.1	6.1	5.9	7 or more rooms -----	6	6	—	—
					Median -----	4.0	5.3	3.9	3.8
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use -----	188	22	51	115	Complete plumbing for exclusive use -----	415	97	147	171
Lacking complete plumbing for exclusive use -----	27	—	—	27	Lacking complete plumbing for exclusive use -----	26	7	8	11
BEDROOMS					BEDROOMS				
None -----	—	—	—	—	None -----	9	—	4	5
1 -----	35	—	—	35	1 -----	208	35	92	81
2 -----	42	15	12	15	2 -----	113	19	35	59
3 -----	107	7	21	79	3 -----	105	44	24	37
4 -----	31	—	18	13	4 -----	6	6	—	—
5 or more -----	—	—	—	—	5 or more -----	—	—	—	—
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980 -----	5	—	5	—	1975 to March 1980 -----	27	14	—	13
1970 to 1974 -----	—	—	—	—	1970 to 1974 -----	15	—	15	—
1960 to 1969 -----	4	—	4	—	1960 to 1969 -----	4	—	4	—
1950 to 1959 -----	15	—	—	15	1950 to 1959 -----	17	7	—	10
1940 to 1949 -----	28	—	—	28	1940 to 1949 -----	7	7	—	—
1939 or earlier -----	163	22	42	99	1939 or earlier -----	371	76	136	159
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached -----	150	16	46	88	1, detached or attached -----	125	49	15	61
2 or more -----	65	6	5	54	2 -----	115	18	45	52
Mobile home or trailer -----	—	—	—	—	3 and 4 -----	115	15	44	56
HEATING EQUIPMENT					5 to 9 -----	46	22	16	8
Central heating system -----	208	22	51	135	10 to 49 -----	36	—	31	5
Other means -----	7	—	—	7	50 or more -----	4	—	4	—
None -----	—	—	—	—	Mobile home or trailer -----	—	—	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units -----	150	16	46	88	Specified vacant for rent housing units -----	436	104	155	177
Less than \$10,000 -----	15	—	4	11	Less than \$100 -----	91	25	36	30
\$10,000 to \$19,999 -----	94	16	25	53	\$100 to \$149 -----	134	7	61	66
\$20,000 to \$29,999 -----	36	—	12	24	\$150 to \$199 -----	149	44	47	58
\$30,000 to \$39,999 -----	5	—	5	—	\$200 to \$249 -----	19	14	—	5
\$40,000 to \$49,999 -----	—	—	—	—	\$250 to \$299 -----	33	8	7	18
\$50,000 to \$59,999 -----	—	—	—	—	\$300 to \$399 -----	6	6	—	—
\$60,000 to \$79,999 -----	—	—	—	—	\$400 or more -----	4	—	4	—
\$80,000 to \$99,999 -----	—	—	—	—	Median -----	\$148	\$162	\$141	\$140
\$100,000 or more -----	—	—	—	—					
Median -----	\$15 400	\$12 500	\$15 400	\$16 000					

Table B—13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Price asked—Specified vacant for sale only housing units									Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)	
Altoona city																
Total -----	150	15	130	5	—	—	15 400		436	91	283	52	6	4	148	
PLUMBING FACILITIES																
Complete plumbing for exclusive use -----	150	15	130	5	—	—	15 400		410	91	257	52	6	4	148	
Lacking complete plumbing for exclusive use -----	—	—	—	—	—	—	—		26	—	26	—	—	—	140	
BEDROOMS																
None -----	—	—	—	—	—	—	—		9	—	5	—	—	4	119	
1 -----	—	—	—	—	—	—	—		208	37	145	26	—	—	145	
2 -----	29	4	25	—	—	—	15 500		113	25	72	16	—	—	151	
3 -----	90	11	74	5	—	—	16 000		100	29	61	10	—	—	149	
4 -----	31	—	31	—	—	—	13 700		6	—	—	—	6	—	325	
5 or more -----	—	—	—	—	—	—	—		—	—	—	—	—	—	—	
YEAR STRUCTURE BUILT																
1975 to March 1980 -----	—	—	—	—	—	—	—		22	—	—	22	—	—	258	
1970 to 1974 -----	—	—	—	—	—	—	—		15	—	15	—	—	—	185	
1960 to 1969 -----	4	—	4	—	—	—	28 800		4	—	—	—	—	4	500+	
1950 to 1959 -----	15	—	15	—	—	—	16 300		17	—	7	10	—	—	254	
1940 to 1949 -----	7	—	7	—	—	—	12 500		7	—	7	—	—	—	175	
1939 or earlier -----	124	15	104	5	—	—	15 100		371	91	254	20	6	—	139	
UNITS IN STRUCTURE																
1, detached or attached -----	150	15	130	5	—	—	15 400		120	29	75	10	6	—	143	
2 or more -----	—	—	—	—	—	—	—		316	62	208	42	—	4	152	
Mobile home or trailer -----	—	—	—	—	—	—	—		—	—	—	—	—	—	—	

Appendix A.—Area Classifications

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

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GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder

Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder

Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

Appendix B.—Definitions and Explanations of Subject Characteristics

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "*Persons of Spanish Origin by State: 1980.*"

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census *Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024

Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	Persons in Housing Units With a Family Without Own Children Under 18
6-10	2 persons in housing unit through 8 or more persons in housing unit
	Persons in All Other Housing Units
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

Stage II—Householder/ Nonhouseholder

Group	
1	Householder
2	Nonhouseholder (including persons in group quarters)

Stage III—Age/Sex/Race/Spanish Origin

Group	White Race
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure.

For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	<i>Persons Not of Spanish Origin</i>

9-16 Same value categories as groups 1 to 8

Black Race

17-32 Same value—Spanish origin categories as groups 1 to 16

33-48 *Asian, Pacific Islander Race*
Same value—Spanish origin categories as groups 1 to 16

American Indian, Eskimo, or Aleut Race

49-64 Same value—Spanish origin categories as groups 1 to 16

Other Race (includes those races not listed above)

65-80 Same value—Spanish origin categories as groups 1 to 16

Renter

White Race

*Persons of Spanish Origin
Rent Categories*

81	\$1 to \$59
82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent

Persons not of Spanish origin

92-102 Same rent categories as groups 81 to 91

Black Race

103-124 Same rent—Spanish origin categories as groups 81 to 102

Asian, Pacific Islander Race

125-146 Same rent—Spanish origin categories as groups 81 to 102

American Indian, Eskimo, or Aleut Race

147-168 Same rent—Spanish origin categories as groups 81 to 102

Other Race (includes those races not listed above)

169-190 Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group

1	<i>Vacant for Rent</i>
2	<i>Vacant for Sale</i>
3	<i>Other Vacant</i>

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total ^{1/}	Size of publication area ^{2/}													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

^{1/} For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

^{2/} The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}												
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.2
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2

^{1/} For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Occupancy and vacancy status.....	1.1	0.9	0.5
Tenure.....	1.1	1.0	0.5
Units in structure.....	1.1	0.9	0.5
Stories in structure.....	0.9	0.8	0.5
Passenger elevator.....	0.9	0.8	0.4
Source of water.....	1.0	0.8	0.5
Sewage disposal.....	1.1	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Kitchen facilities.....	1.1	0.9	0.5
Number of bedrooms or bathrooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent.....	1.1	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Income.....	1.1	0.9	0.5
Poverty status.....	1.1	0.9	0.5
Complete plumbing facilities for exclusive use with 1.01 persons per room or more.....	1.1	0.9	0.5

Table D. **Percent of Housing Units in Sample: 1980**

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

Housing units	
100-percent count	Percent in sample
52 050	20.0

The SMSA -----

**PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**

Altoona city -----

22 502 16.0

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark Never married.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. This address means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12.** Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13.** Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A** one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a.** Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a.** A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16.** If a well provides water for six or more houses or apartments, mark **A** public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17.** A *public sewer* is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19.** The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20.** This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21.** *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22.** If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

- H23.** The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26.** Answer *Yes only* if the telephone is located *in* your living quarters.

- H27.** Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29.** Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32.** Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30.** Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31.** When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a.** The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*
Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."
- For persons born outside the United States:*
Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.
12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.
- If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.
- 13a. Mark No, only speaks English if the person always speaks English *at home*; then skip to question 14.
- Mark Yes if the person speaks a language other than English *at home*. Do *not* mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.
- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's *ability* to speak English.
- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
 - (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
 - (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
 - (4) The circle Not at all should be filled for persons who do not speak English at all.
14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).
- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.
- Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.
- Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.
- Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.
- Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.
- 17a. Mark Yes only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.
- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.
- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.
- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.
- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.
19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.
20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days.

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:					
DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1		PERSON in column 2	
		Last name	First name Middle initial	Last name	First name Middle initial
2. How is this person related to the person in column 1? Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.		START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.		If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister If not related to person in column 1: <input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative <input type="radio"/> Partner, roommate <input type="radio"/> Paid employee	
3. Sex Fill one circle.		<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female		<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	
4. Is this person — Fill one circle.		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — Specify <input type="radio"/> Indian (Amer.) Print tribe →	
5. Age, and month and year of birth a. Print age at last birthday. b. Print month and fill one circle. c. Print year in the spaces, and fill one circle below each number.		a. Age at last birthday: b. Month of birth: <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.		a. Age at last birthday: b. Month of birth: <input type="radio"/> Jan.—Mar. <input type="radio"/> Apr.—June <input type="radio"/> July—Sept. <input type="radio"/> Oct.—Dec.	
6. Marital status Fill one circle.		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
7. Is this person of Spanish/Hispanic origin or descent? Fill one circle.		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
9. What is the highest grade (or year) of regular school this person has ever attended? Fill one circle. If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="radio"/> College (academic year) <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more <input type="radio"/> Never attended school — Skip question 10	
10. Did this person finish the highest grade (or year) attended? Fill one circle.		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
		CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O		CENSUS USE ONLY A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O	

NOW PLEASE ANSWER QUESTIONS H1—H12
FOR YOUR HOUSEHOLD

PERSON in column 7

Last name _____ First name _____ Middle initial _____

If relative of person in column 1:

☐ Husband/wife ☐ Father/mother
☐ Son/daughter ☐ Other relative
☐ Brother/sister

If not related to person in column 1:

☐ Roomer, boarder ☐ Other nonrelative
☐ Partner, roommate
☐ Paid employee

☐ Male ☐ Female

☐ White ☐ Asian Indian
☐ Black or Negro ☐ Hawaiian
☐ Japanese ☐ Guamanian
☐ Chinese ☐ Samoan
☐ Filipino ☐ Eskimo
☐ Korean ☐ Aleut
☐ Vietnamese ☐ Other — Specify _____
☐ Indian (Amer.)
Print tribe → _____

a. Age at last birthday _____ c. Year of birth _____

b. Month of birth _____

☐ Jan.—Mar. ☐ Apr.—June ☐ July—Sept. ☐ Oct.—Dec.

☐ Now married ☐ Separated
☐ Widowed ☐ Never married
☐ Divorced

☐ No (not Spanish/Hispanic)
☐ Yes, Mexican, Mexican-Amer., Chicano
☐ Yes, Puerto Rican
☐ Yes, Cuban
☐ Yes, other Spanish/Hispanic

☐ No, has not attended since February 1
☐ Yes, public school, public college
☐ Yes, private, church-related
☐ Yes, private, not church-related

Highest grade attended:

☐ Nursery school ☐ Kindergarten

Elementary through high school (grade or year)

1 2 3 4 5 6 7 8 9 10 11 12

College (academic year)

1 2 3 4 5 6 7 8 or more

☐ Never attended school—Skip question 10

☐ Now attending this grade (or year)
☐ Finished this grade (or year)
☐ Did not finish this grade (or year)

CENSUS USE ONLY A. ☐ I ☐ N ☐ O

If you listed more than 7 persons in Question 1, please see note on page 20.

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

- ☐ Yes — On page 20 give name(s) and reason left out.
☐ No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

- ☐ Yes — On page 20 give name(s) and reason person is away.
☐ No

H3. Is anyone visiting here who is not already listed?

- ☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.
☐ No

H4. How many living quarters, occupied and vacant, are at this address?

- ☐ One
☐ 2 apartments or living quarters
☐ 3 apartments or living quarters
☐ 4 apartments or living quarters
☐ 5 apartments or living quarters
☐ 6 apartments or living quarters
☐ 7 apartments or living quarters
☐ 8 apartments or living quarters
☐ 9 apartments or living quarters
☐ 10 or more apartments or living quarters
☐ This is a mobile home or trailer

H5. Do you enter your living quarters —

- ☐ Directly from the outside or through a common or public hall?
☐ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

- ☐ Yes, for this household only
☐ Yes, but also used by another household
☐ No, have some but not all plumbing facilities
☐ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters?

Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

- ☐ 1 room ☐ 4 rooms ☐ 7 rooms
☐ 2 rooms ☐ 5 rooms ☐ 8 rooms
☐ 3 rooms ☐ 6 rooms ☐ 9 or more rooms

H8. Are your living quarters —

- ☐ Owned or being bought by you or by someone else in this household?
☐ Rented for cash rent?
☐ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

- ☐ No
☐ Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?

- ☐ Yes ☐ No

b. Is any part of the property used as a commercial establishment or medical office?

- ☐ Yes ☐ No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

- ☐ A mobile home or trailer
☐ A house on 10 or more acres
☐ A house with a commercial establishment or medical office on the property

- ☐ Less than \$10,000 ☐ \$50,000 to \$54,999
☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999
☐ \$15,000 to \$17,499 ☐ \$60,000 to \$64,999
☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999
☐ \$20,000 to \$22,499 ☐ \$70,000 to \$74,999
☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999

- ☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999
☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999
☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999
☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999
☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999
☐ \$45,000 to \$49,999 ☐ \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- ☐ Less than \$50 ☐ \$160 to \$169
☐ \$50 to \$59 ☐ \$170 to \$179
☐ \$60 to \$69 ☐ \$180 to \$189
☐ \$70 to \$79 ☐ \$190 to \$199
☐ \$80 to \$89 ☐ \$200 to \$224
☐ \$90 to \$99 ☐ \$225 to \$249
☐ \$100 to \$109 ☐ \$250 to \$274
☐ \$110 to \$119 ☐ \$275 to \$299
☐ \$120 to \$129 ☐ \$300 to \$349
☐ \$130 to \$139 ☐ \$350 to \$399
☐ \$140 to \$149 ☐ \$400 to \$499
☐ \$150 to \$159 ☐ \$500 or more

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A4. Block number	A6. Serial number	B. Type of unit or quarters	For vacant units	D. Months vacant	F. Total persons
		Occupied	C1. Is this unit for —	<input type="radio"/> Less than 1 month	
		<input type="radio"/> First form	<input type="radio"/> Year round use	<input type="radio"/> 1 up to 2 months	
		<input type="radio"/> Continuation	<input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D.	<input type="radio"/> 2 up to 6 months	
		Vacant	C2. Vacancy status	<input type="radio"/> 6 up to 12 months	
		<input type="radio"/> Regular	<input type="radio"/> For rent	<input type="radio"/> 1 year up to 2 years	
		<input type="radio"/> Usual home elsewhere	<input type="radio"/> For sale only	<input type="radio"/> 2 or more years	
		Group quarters	<input type="radio"/> Rented or sold, not occupied		
		<input type="radio"/> First form	<input type="radio"/> Held for occasional use	E. Indicators	
		<input type="radio"/> Continuation	<input type="radio"/> Other vacant	1. <input type="radio"/> Mail return	
			C3. Is this unit boarded up?	2. <input type="radio"/> Pop./F	
			<input type="radio"/> Yes <input type="radio"/> No		

H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. 	H21a. Which fuel is used most for house heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used b. Which fuel is used most for water heating? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	CENSUS USE H22a. 0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9
H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 4 to 6 <input type="radio"/> 7 to 12 <input type="radio"/> 13 or more stories 	c. Which fuel is used most for cooking? <ul style="list-style-type: none"> <input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used 	H22b. 0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9
b. Is there a passenger elevator in this building? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	H22. What are the costs of utilities and fuels for your living quarters? a. Electricity \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Electricity not used	H22c. 0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9
H15a. Is this building — <ul style="list-style-type: none"> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to — <ul style="list-style-type: none"> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$599 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 or more 	b. Gas \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> <input type="radio"/> Gas not used c. Water \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> d. Oil, coal, kerosene, wood, etc. \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> <input type="radio"/> These fuels not used	H22d. 0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9
H16. Do you get water from — <ul style="list-style-type: none"> <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? 	H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator. <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	H22e. 0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9
H17. Is this building connected to a public sewer? <ul style="list-style-type: none"> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means 	H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms 	H22f. 0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9
H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier 	H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms 	H22g. 0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9
H19. When did the person listed in column 1 move into this house (or apartment)? <ul style="list-style-type: none"> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1949 or earlier <input type="radio"/> Always lived here 	H26. Do you have a telephone in your living quarters? <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No 	H22h. 0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9
H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment 	H27. Do you have air conditioning? <ul style="list-style-type: none"> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No H28. How many automobiles are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household? <ul style="list-style-type: none"> <input type="radio"/> None <input type="radio"/> 1 van or truck <input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks 	H22i. 0 0 0 0 1 1 1 1 2 2 2 2 3 3 3 3 4 4 4 4 5 5 5 5 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9

FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ _____ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ _____ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

☐ Yes, mortgage, deed of trust, or similar debt

☐ Yes, contract to purchase

☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ _____ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

☐ Yes, taxes included in payment

☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

☐ Yes, insurance included in payment

☐ No, insurance paid separately or no insurance

Please turn to page 6

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1	2.	4.	2	2.	4.	3	2.	4.
S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0
Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1
0	2 2 2 2 2 2	2 2 2 2 2 2	0	2 2 2 2 2 2	2 2 2 2 2 2	0	2 2 2 2 2 2	2 2 2 2 2 2
No	3 3 3 3 3 3	3 3 3 3 3 3	No	3 3 3 3 3 3	3 3 3 3 3 3	No	3 3 3 3 3 3	3 3 3 3 3 3
0	4 4 4 4 4 4	4 4 4 4 4 4	0	4 4 4 4 4 4	4 4 4 4 4 4	0	4 4 4 4 4 4	4 4 4 4 4 4
5	5 5 5 5 5 5	5 5 5 5 5 5	5	5 5 5 5 5 5	5 5 5 5 5 5	5	5 5 5 5 5 5	5 5 5 5 5 5
6	6 6 6 6 6 6	6 6 6 6 6 6	6	6 6 6 6 6 6	6 6 6 6 6 6	6	6 6 6 6 6 6	6 6 6 6 6 6
7	7 7 7 7 7 7	7 7 7 7 7 7	7	7 7 7 7 7 7	7 7 7 7 7 7	7	7 7 7 7 7 7	7 7 7 7 7 7
8	8 8 8 8 8 8	8 8 8 8 8 8	8	8 8 8 8 8 8	8 8 8 8 8 8	8	8 8 8 8 8 8	8 8 8 8 8 8
9	9 9 9 9 9 9	9 9 9 9 9 9	9	9 9 9 9 9 9	9 9 9 9 9 9	9	9 9 9 9 9 9	9 9 9 9 9 9

4	2.	4.	5	2.	4.	6	2.	4.
S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0
Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1
0	2 2 2 2 2 2	2 2 2 2 2 2	0	2 2 2 2 2 2	2 2 2 2 2 2	0	2 2 2 2 2 2	2 2 2 2 2 2
No	3 3 3 3 3 3	3 3 3 3 3 3	No	3 3 3 3 3 3	3 3 3 3 3 3	No	3 3 3 3 3 3	3 3 3 3 3 3
0	4 4 4 4 4 4	4 4 4 4 4 4	0	4 4 4 4 4 4	4 4 4 4 4 4	0	4 4 4 4 4 4	4 4 4 4 4 4
5	5 5 5 5 5 5	5 5 5 5 5 5	5	5 5 5 5 5 5	5 5 5 5 5 5	5	5 5 5 5 5 5	5 5 5 5 5 5
6	6 6 6 6 6 6	6 6 6 6 6 6	6	6 6 6 6 6 6	6 6 6 6 6 6	6	6 6 6 6 6 6	6 6 6 6 6 6
7	7 7 7 7 7 7	7 7 7 7 7 7	7	7 7 7 7 7 7	7 7 7 7 7 7	7	7 7 7 7 7 7	7 7 7 7 7 7
8	8 8 8 8 8 8	8 8 8 8 8 8	8	8 8 8 8 8 8	8 8 8 8 8 8	8	8 8 8 8 8 8	8 8 8 8 8 8
9	9 9 9 9 9 9	9 9 9 9 9 9	9	9 9 9 9 9 9	9 9 9 9 9 9	9	9 9 9 9 9 9	9 9 9 9 9 9

7	2.	4.	GQ.	H30.	H31.	H32c.
S.S.	0 0 0 0 0 0	0 0 0 0 0 0	0 0	0 0 0 0 0 0	0 0 0 0	0 0 0 0 0 0
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Name of Person 1 on page 2: <div style="text-align: center; margin-top: 10px;"> Last name First name Middle initial </div>		16. When was this person born? <input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i> <input checked="" type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i>		22a. Did this person work at any time last week? <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="radio"/> Yes — Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.) </div> <div style="width: 45%;"> <input type="radio"/> No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work. </div> </div> <div style="text-align: right; margin-top: -20px;">↓ Skip to 2S</div>																																																																														
11. In what State or foreign country was this person born? <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i> <hr/> <i>Name of State or foreign country; or Puerto Rico, Guam, etc.</i>		17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces? <input type="radio"/> Yes <input type="radio"/> No b. Attending college? <input type="radio"/> Yes <input type="radio"/> No c. Working at a job or business? <input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time		b. How many hours did this person work last week (at all jobs)? <i>Subtract any time off; add overtime or extra hours worked.</i> <div style="text-align: right;">Hours <input type="text"/></div>																																																																														
12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States? <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input checked="" type="radio"/> Born abroad of American parents		18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? <i>If Service was in National Guard or Reserves only, see instruction guide.</i> <input type="radio"/> Yes <input type="radio"/> No — Skip to 19 b. Was active-duty military service during — <i>Fill a circle for each period in which this person served.</i> <input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964–April 1975) <input type="radio"/> February 1955–July 1964 <input type="radio"/> Korean conflict (June 1950–January 1955) <input type="radio"/> World War II (September 1940–July 1947) <input checked="" type="radio"/> World War I (April 1917–November 1918) <input type="radio"/> Any other time		23. At what location did this person work last week? <i>If this person worked at more than one location, print where he or she worked most last week.</i> <i>If one location cannot be specified, see instruction guide.</i> a. Address (Number and street) _____ <i>If street address is not known, enter the building name, shopping center, or other physical location description.</i> b. Name of city, town, village, borough, etc. _____ c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area d. County _____ e. State _____ f. ZIP Code _____																																																																														
b. When did this person come to the United States to stay? <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950		19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . . <div style="display: flex; justify-content: space-between;"> <div> a. Limits the kind or amount of work this person can do at a job? b. Prevents this person from working at a job? c. Limits or prevents this person from using public transportation? </div> <div style="text-align: right;"> Yes No <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </div> </div>		24a. Last week, how long did it usually take this person to get from home to work (one way)? <div style="text-align: right;">Minutes <input type="text"/></div>																																																																														
13a. Does this person speak a language other than English at home? <input type="radio"/> Yes <input type="radio"/> No, only speaks English — Skip to 14 b. What is this language? _____ <i>(For example — Chinese, Italian, Spanish, etc.)</i> c. How well does this person speak English? <input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all		20. If this person is a female — How many babies has she ever had, not counting stillbirths? <i>Do not count her stepchildren or children she has adopted.</i> <div style="display: flex; align-items: center;"> <div style="flex-grow: 1;">None 1 2 3 4 5 6</div> <div style="text-align: center;"> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </div> </div> <div style="display: flex; align-items: center;"> <div style="flex-grow: 1;">7 8 9 10 11 12 or more</div> <div style="text-align: center;"> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> </div> </div>		b. How did this person usually get to work last week? <i>If this person used more than one method, give the one usually used for most of the distance.</i> <div style="display: grid; grid-template-columns: repeat(2, 1fr); gap: 5px;"> <div><input type="radio"/> Car</div> <div><input type="radio"/> Taxicab</div> <div><input type="radio"/> Truck</div> <div><input type="radio"/> Motorcycle</div> <div><input type="radio"/> Van</div> <div><input type="radio"/> Bicycle</div> <div><input type="radio"/> Bus or streetcar</div> <div><input type="radio"/> Walked only</div> <div><input type="radio"/> Railroad</div> <div><input type="radio"/> Worked at home</div> <div><input type="radio"/> Subway or elevated</div> <div><input type="radio"/> Other — Specify _____</div> </div>																																																																														
14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide. _____ <i>(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</i>		21. If this person has ever been married — a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once <div style="text-align: center;">↓ ↓</div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> b. Month and year of marriage? _____ <i>(Month) (Year)</i> </div> <div style="text-align: center;"> Month and year of first marriage? _____ <i>(Month) (Year)</i> </div> </div>		24b. Last week, how long did it usually take this person to get from home to work (one way)? <div style="text-align: right;">Minutes <input type="text"/></div>																																																																														
15a. Did this person live in this house five years ago (April 1, 1975)? <i>If in college or Armed Forces in April 1975, report place of residence there.</i> <input type="radio"/> Born April 1975 or later — Turn to next page for next person <input type="radio"/> Yes, this house — Skip to 16 <input checked="" type="radio"/> No, different house		c. If married more than once — Did the first marriage end because of the death of the husband (or wife)? <input type="radio"/> Yes <input type="radio"/> No		FOR CENSUS USE ONLY <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Per. No.</th> <th>11.</th> <th>13b.</th> <th>14.</th> <th>15b.</th> <th>23.</th> <th>VL</th> <th>24a.</th> </tr> </thead> <tbody> <tr><td>1</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>2</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>3</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>4</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>5</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>6</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>7</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>8</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr> <tr><td>9</td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><</tr></tbody></table>		Per. No.	11.	13b.	14.	15b.	23.	VL	24a.	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

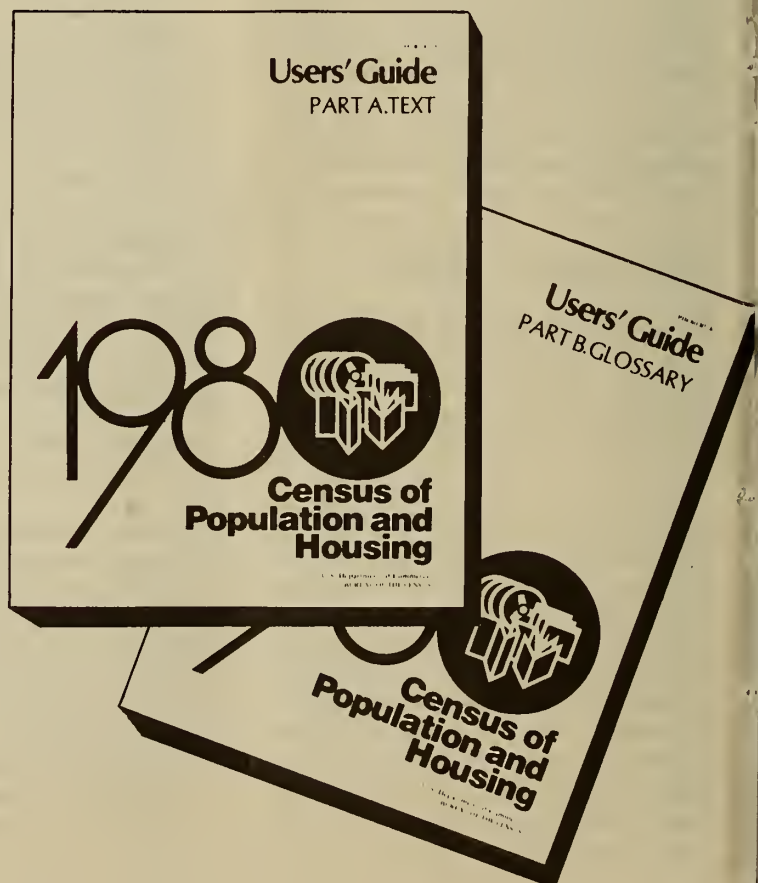
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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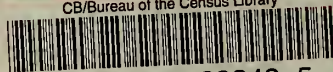
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